# te Minima Iournal

RAILWAY

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1497.-Vol. XXXIV.

# LONDON, SATURDAY, APRIL 30, 1864.

(STAMPED.....SIXPENCE. UNSTAMPED..FIVEPENCE.

M. C. JAMES CROFTS, SHAREBROKER,
Mr. CROFTS transacts business, in the way of PURCHASE or SALE, in every description of stocks, but particularly in BRITISH MINES, in no case departing from the position of a broker, at net prices. All orders meet with the utmost punctuality and sal, and advice given as to the nature and eligibility of INVESTIMENTS, when required, Mr. CROFTS, from a lengthened experience of the Mining Market, is competent to advise as to the merits of any mine, and the desirability of buying, selling, or exchanging shares. To the latter department he devotes particular attention.

Last week Mr. Chorre drew attention to copper mine shares, and predicted a decline in their market value. (See his letter.)

\*g\*\* BUYER of Bedol-Aur.

"a" BUYER of Bedol-Aur.

MR. JAMES LANE, No. 44, THREADNEEDLE STREET,
LONDON, E.C.

JAMES LANE has FOR SALE at nett prices: --20 Arthur; 3 Basset and Grylls, £15;
9 Buller and Basset; 50 Orebor, 47s, 6d.; 100 Calstock Consols, 7s, 6d.; 5 Clitford, £33;
20 Drake Walls, 37s, 6d.; 50 East Jane, 42s.; 10 East Carn Brea, £7; 50 East Provienes, £4; 20 Great Wh. Busy, £45; 20 EastLovell, £20; 5 Grambler and 8t. Aubyn,
£94; 5 Great Fortune, £165; 20 Italienbesgle, £35; 50 Kelly Bray, 8s. 6d.; 3
Mary Ann, £125; 50 Molland, 3s.; 10 Marke Valley, £5; 5 Manglies, £34; 20 New
When Martha, 22s. 6d.; 20 New Birch Tor and Vitifer, £3; 60 New Wheal Rose,
16s. 6d.; 20 North Treskerby, £35; 10 Pendeen, £6; 50 St. Just Consols, 14s.; 50 St.
Day United, 38s.; 20 Sithney and Carnmeal, £6%; 20 Treworlis, £3; 5 Trelawny, £24;
10 Wheal Kitty (St. Agnes), £6%.

SHAREHOLDERS IN MINES AND CAPITALISTS

Will do well to READ PETER WATSON'S WEEKLY MINING CIRCULAR
of Friday, 29th April (yesterday), No. 320, Vol. 8. Price 6d. each copy (post paid.)
Frawarised on application. In this Circular there are three valuable mines mentioned,
which are certain to pay good interest, and the price of shares greatly and quickly adwood in market value.—79, Old Broad-street.

PETER WATSON'S WEEKLY MINING CIRCULAR AND SHARE LIST, published every Friday, price 6d. each copy, forwarded on application. This Circular contains weekly important information with respect to all the gladed dividend and progressive mines in Devon and Cornwall. 79, 0il Broad-street, London, E.C.

TOCK AND SHAREDEALER.—MR. PETER WATSON, STOCK, SHARE, AND MINING OFFICES, 79, OLD BROAD-STREET, LONDON, E.C. TELEGRAPHIC MESSAGES to BUY or SELL Rallway, Bank, Mine, and other Rams and Stocks, punctually attended to on commission, or at nett prices for cash, or is intuightly settlements, with advice as to purchases or sales.

Nineteen years' experience.

(Two in Cornwall and Seventeen in London.)

Ranker: Union Bank of London, and the Alliance Bank of London and Liverpool.

Every information can be obtained on personal application or by letter, as to purchase and sales of mine and other shares, and the best investment for capital.

From the close proximity of his Offices to the Stock Exchange, as well as the Mining Enchange, Peter Warrsow is enabled to act with promptitude on all orders entrusted to his, which at all times are carried out with punctuality, and to the best advantage of his clients.—April 29, 1864.

MR. LELEAN, STOCK AND SHAREDEALER,
11, ROYAL EXCHANGE, LONDON, E.C.

Shares bought and sold on the usual commission. Telegraphic messages promply attended to. Mines inspected, and reliable information given. Established 15 years.

April 19, 1864. Bankers: Robarts, Lubbock, and Co.

PICHARD CLIFT, MINE SHAREDEALER, late of Redruth, now 48, THREADNEEDLE-STREET, LONDON, where all stiers are to be addressed.

JOSEPH GREGORY, STOCK AND SHAREBROKER, 2, HATTON COURT, THREADNEEDLE STREET, LONDON, E.C. Commission on purchase and sale of mining shares, 1½ per cent. Bankers: City Bank.

THOMAS HAMILTON (late of Truro), STOCK AND SHAREBROKER.
4, AUSTINFRIARS, OLD BROAD STREET, LONDON, E.C. Mine shares bought and sold on the usual commission.

MR. J. W. GILBERT, MINE SHAREBROKER,
1, PINNER'S COURT, OLD BROAD STREET, LONDON.
Mr. J. W. GILBERT is a BUYER of any part of 50 Tresavean and Trethurrap shares,
at £4 per share (call paid).

MR. G. D. SANDY, SHAREDEALER, No. 48, THREADNEEDLE STREET, LONDON, E.C. A correct daily price list will be forwarded on application. Business transacted at the closest market prices.

CEORGE RICE, SHAREBROKER, 5, COWPER'S COURT, BIRCHIN LANE, LONDON, (21 years' experience), has SPECIAL BUSINESS.

BUYER OF SELLER, for eash or account, in the following mines:—

Closing quotations.	Closing quotations.
Chiverton£1114-12	New Rosewarne£1114-1214
Clifford Amalgamated 31 -32	North Treskerby 3 - 314
Devon & Bedford (Colchar.) 20s. prem.	North Crofty 414-416
East Lovell	Prosper United 51/4- 53/4
Fast Rosewarne 256- 276	Nanglies 3314-34
Fast Caradon 29%-80%	St. Day United 35s36s. 6d.
East Russell	Wheal Crebor 42s43s.
East Carn Brea	West Chiverton 75 -80
East Grenville 314- 334	Wheal Grenville 934-10
Great Wheal Vor	Wheal Seton 200 -202
Marke Valley 476- 5	Wheal Hope 4 - 41/4
EAST WHEAL LOVELL AND WHEAL GREE	VILLE.—The shares in the latter mine close
flat £9% to £10. Several of the large hold	ers appear to have sold cut. Enormous pro-
fits may be made to deathers to Thest County	-hand by ladden with anorthous pro-

ealings in East Lovell shares by judicious market operations, and hould act promptly. Having had this mine inspected by several ence, Gronge Rich is prepared to advise. Money advanced on mining shares. Bankers: Bank of London. MR. J. P. ENDEAN, STOCK AND SHAREBROKER, 1, CROWN COURT, OLD BROAD STREET, LONDON, E.C.

Having had 25 years' experience in the mining districts of Devon and Cornwall, and three in the London market, with daily information of important changes from qualified spents, also the most anthentic reports relating to other investments, he is in a position clafford the acriliact information to his clients, and to direct capitalists whether to buy or

io afford the earliest information to his citients, and the second sell in mines, railways, or other securities.

Investors should apply to him for reliable information relative to the Chiverton Mines, sie the Camborne and Illogan districts.

A carefully selected list of sound progressive and dividend shares (certain to give a large percentage immediately) forwarded on receipt of \( \tilde{\text{0}} \). In stamps,

Orders and telegrams receive immediate attention.

WILLIAM BARTLETT, STOCK AND SHAREBROKER,

Morey Hard Bark Tleft, Study And Shake Broke Hard Shake Burk, London Shake Broke Hard Shake Burk, London Shake Beelving early information of improvements in mines, and being on the London Shake Barkets, he is in a position to give sound advice and reliable information to investors. Blakes FOR POSITIVE SALE, a net prices: — 100 Crowan Consols, (25s. 25 s. Caradon Hooper, 9s. 5 s. Basset, £½. 20 Vale of Town, 4s. 9d. 50 Crowan Consols (30s. 20 East Granville Source Buy Erg of Great Wheat Yor, Nanglies, East Basset, and Wheal Ida shares, eash on Blivery.

Bankers: Alliance Bank.

Marketable shares bought at close prices. Cash on delivery.

Marketable shares bought at close prices. Cash on delivery.

Business transacted nett or on the usual commission, and telegrams im
saded to,

Bankers: Alliance Bank.

MR. GEORGE BUDGE, SHAREBROKER, No. 4, ROYAL EXCHANGE BUDGE, SHAREBROKER, No. 4, ROYAL EXCHANGE BULLDINGS, LONDON, E.C. (Established 17 years), has FOR SALE at nett prices:—10 New Rosewarne, £12; 2 East Basset, £87; 25 Chiverton Moor, £36;; 5 New Devon Consols, 27s. 6d. premium; 25 Wheat Grenville, £10%; 4 Wheat Bose, £244; 36 Halienbeagle, £396; 150 Okel Tor; 100 Garreg; 125 Merllyn, 6, 6d.; 150 Angio-Brazillan, 5s. 9d.; 100 Wheat Hartley, 27s.; 100 Don Fedro, 13s. 3d.; 180 Santa Barbaras, 10s. 9d.; 200 Vale of Towy, 6s.; 75 Caistock Consols, 6s.; 56 East 180 Santa Barbaras, 10s. 9d.; 200 Vale of Towy, 6s.; 75 Caistock Consols, 6s.; 56 East £35; 1 U East Lovel, £194; 120 Trumpet United, 5s. 3d.; 50 West Metal, £34; 1 West Caradon; 25 Camborne Vean; 35 North Minera (Preference), 9s. 6d.; 51 Minera (Preference), 9s. 6d.; 51 Minera (Preference), 9s. 6d.; 50 Great Wheat Vor; 56 Roses Grande; 50 Dale, 19s. 9d.; 50 Wheat Emma; 50 Valian-Basa; 50 Unity, 9s.; 256 Great North Downs; 1 East Pool; 56 Cudd7a, 25s.; 100 East Seton, 7s.; 120 Illogan, 25s. 9d. BUYER of 100 Gawton; 56 East Rosewarne; 30 Crelake; 2 Condarrow, £92; 2 Seton, £200; 3 Wheat Buller; 60 East Devon.

G E O R G E M O O R E
In any business that GROES MOORE is favoured with, in which he is the buyer, he
will give CASH ON RECEIPT OF TRANSFER.

| JAMES HERRON | has FOR SALE the following SHARES, at the prises quoted, and FREE OF COMMISSION:—
20 Alamillos, 17s. 3d. | 100 Gt. Nor. Copper, 1s. | 100 So. Carn Brea, £1½, | 5 Baryn Gwiog. | 100 Gt. Nor. Copper, 1s. | 100 So. Carn Brea, £1½, | 5 Bryn Gwiog. | 5 Great Laxey, £8. | 50 Garres (all cls. pd.), 6s 9d. | 5 Great Laxey, £8. | 10 Gonamena, £3 17s. 6d. | 1 Herodsfoot, £38. | 30 St. Just United, £3. | 5 Beifford United, £2½, | 10 Hallenbesgle, £2 19s. | 5 St. John del Rey. £48½, | 5 St. John

1 Buller, £35.
5 Gillins, £16.
1 Hasset.
1 Herodsfoot, £38.
5 Gelford United, £2%.
5 Gelford Amalgamated.
1 Cook's Kitchen, £19%.
20 Cape Copper, £12%.
20 Cape Copper, £12%.
20 Cape Copper, £12%.
20 Camborns Vean, £2 16s.
5 Cwm Erfin, £26%.
20 Camborns Vean, £2 16s.
1 Carn Brea, £3.
20 Camborns Vean, £2 16s.
20 Camborns Vean, £2 16s.
20 Cohe Walis, 36s. 6d.
30 Drake Rais, 36s. 6

MESSRS. VIVIAN AND REYNOLDS, 68, OLD BROAD STREET, LONDON, E.C., MINING ENGINEERS, INSPECTORS OF MINES, COMMISSION, and GENERAL AGENTS for the PURCHASE OF SALE OF MINE SHARES, RAILWAY, and EVERY OTHER DESCRIPTION OF STOCK.

Commission on sharetransactions 14 per cent. on £100 and above, and 2½ per cent. on £100 and above, and 2½ per cent.

MR. EDWARD COOKE, MINING SHAREBROKER, 75, OLD BROAD STREET, LONDON, E.C. Reliable information given on application, relative to the merits of mines, either for speculation or investment. April 29, 1884. Bankers: Alliance Bank, Lothbury.

MR. GEORGE BATTERS strongly recommends his friends to buy Tincroft, West Chiverton, Chiverton, Herodafoot, South Caradon, Devon Great Consols, Great Wheal Yor, Chiverton Valley, Prosper United, Wentworth Consols, and Sithney Wheal Metal for investment. These shares will pay good interest for money at present quotations.—76, Old Broad-street, E.C.

JOHN RISLEY, 32, LOMBARD STREET, LONDON, E.C., SHARES in MINES BOUGHT and SOLD on commission, at 1½ per cent., for immediate cash. Bankers: London and Westminster, Lothbury.

MR. WM. BIRDSEY, MINE AND SHARE BROKER, No. 2, CROWN COURT, THREADNEEDLE STREET, LONDON, E.C. SOUTH CARS BREA.—A great improvement having taken place, and likely further to improve, I consider these shares are worth buying at the present low price, as the mine is surrounded by some of the richest mines in Cornwall.

WILLIAM SEWARD, MINING BROKER, STOCK AND SHAREDEALER, 19, THROGMORTON STREET, LONDON, E.C. Commission, 1¼ per cent. on all transactions.

MR. E. GOMPERS, MINING OFFICES, BUSINESS TRANSACTED IN BRITISH and FOREIGN STOCKS and SHARES.

Terms, 1/4 per cent.

Bankers: London and Westminster Bank.

MR. T. ROSEWARNE, 81, OLD BROAD STREET,

Bedford United, £3.
Birch Tor, £2½.
Chiverton, £11 15s.
Clifford Amal., £92.
Crelake, £2 2s. 6d.
East Lovell, £20.
East Edwill, £35.
East Grylls, £13.
Great Wh. Busy, £4½.
Great Wh. Busy, £4½.
Hallenbeagle, £3%.
Hallenbeagle, £3%.
East Lovell, £20.
East Vor, £6.
East Russell, £3 17s. 6d.
East Bussell, £3 17s. 6d.
East Bussell, £3 17s. 6d.
East Russell, £3 17s. 6d.
East Russell, £3 17s. 6d.
East Russell, £3 17s. 6d.
Wheal Groper, 43s. 6d.
Wheal Grylls, £23.
Wheal Crebor, 43s. 6d.
Wheal Grylls, £23.
Wheal Crebor, 43s. 6d.
Wheal Edward, 30s.
Wheal Edward, 30s.
Great Laxey. Great Laxey. Carn Cambor

Penhalls. Wheal Rose. Great Laxey.
Great North Downs. North Roberts. Carn Camborne.
T. Roszwanne called the attention of his friends some short time since to Great Northowns and Wheal Rose Mines; those who acted upon his advice may realise at a governorfit. T. Roszwanne still advises the purchase of these shares.

April 29, 1864. Bankers: Bank of London.

MR. MATTHEW GREENE, MINING SHAREDEALER,
27. AUSTINFRIARS, OLD BROAD STREET, LONDON, E.C., has SPECIAL
BUSINESS in the FOLLOWING MINES:—
East Wheal Lovell.
East Caradon.
Wheal Crebor.
Great South Chiverton.
Great South Chiverton.
Great Wheal Vor.

wheat Caradon.
Wheat Great Hazey.
Wheat Great Hazey.
Mr. Great Meal Russell.
Mr. Greenville.
Great Laxey.
Great South Chiverton Mine, adjoining the celebrated West Chiverton and other profitable mines. They have sufficient capital in hand—£3000—to work the sett for 12 months, and in a short time profitable results are likely to be met with. Shares should be bought at once at present price, £2½ to £2½.
Great Laxey shares at £3 are also worth attention.
Cheques crossed London and County Bank.

Cheques crossed London and County Bank.

JAMES HUME, SHAREBROKER, 74, OLD BROAD STREET, AND MINING EXCHANGE, LONDON, E.C., is a BUYER of Great Fortune, Crebor, Great Vor, North Shepherds, South Condurrow, &c.

West Yon.—Mr. Hume has taken great pains to ascertain the facts respecting this mine, and has the fuliest confirmation of the statement made that the metal lode of Great Fortune. The shares of West Yor at £3 to £3/6 ought to be secured at once.

East Loyelle shares fluctuate on an avearge £4 or £5 per week. A continuance of this state of things must be expected at the present advanced prices, especially whilst extensive operations are in force. Mr. Hume can give the best advice respecting this mine.

Mr. Hume acts for and endeavours to advise the public, who apply to him, and has no sympathy or attraction for combination of operations. (See advirtisements in Harriett, Ludcott, &c.) The operations referred to have their use, as they allow holders to wish to realise. The East Lovell mania is no exception.

J. Hume's "Circular" for April 13 contains special reports and remarks on Great Yor, Great Fortune, North Shepherds, South Condurrow, Grenville, &c. Price 6d. Suba-ription 5s, per annum.

Bankers: London Joint-Stock Bank.

MESSRS. WARD AND JACKMAN, STOCK AND SHAREBROKERS, 2, ADAM'S COURT, OLD BROAD STREET, AND MINING EXCHANGE, LONDON, E.C. (ESTABLISHED ELEVEN YEARS.)
TRANSACT BUSINESS in BRITISH AND FOREIGN MINING SHARES and OTHER SECURITIES at closest prices, nett or on commission, but not being DEALERS only execute orders confided to them.
Taegraphic messages to buy or sell shares of every description promptly executed for immadiate cash, or the fortnightly settlements.
mission, 1½ per cent. on all transactions.
April 29, 1864. Bankers: London and Westminster, Lothbury

MR. T. P. THOMAS will hold his NEXT SALE of MINING SHARES, BY PUBLIC AUCTION, at Garraway's Coffee House, Change-alley Cornhill, London, on Thursday, the 26th day of May next, and he particularly requests parties desirous of offering shares to forward him their instructions not later than Thursday, May 19, that they may be advertised in the MINING JOURNAL. The following, with many other, shares will be offered:—

100 St. Just Utited 50 Carn Camborne. 50 Crenver Wheal Abraham. 10 Crans. 40 Hartley. 2, Crown-court, Threadneedie-street, London, E.C.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER, 2, PINNER'S COURT, OLD BROAD STREET, LONDON.

MR. FRANCIS G. LANE, No. 2, ROYAL EXCHANGE, LONDON, E.C., has the following SHARES FOR SALE:—

10 Stithney Carm., £5\%, bellier and Basset, 5a 6d 50 Robert Grenville, £3\%, 50 East Grenville, £3\%, 10 Orrth Shopherds, £5\%, 50 Crabor, 44s. 10 Great Laxey, £8. 10 Great Loven & Badford (£2\% paid), £3\%, 10 Great Laxey, £8. 10 Great Section of Great Wheal Vers at £5\%, Vadanmutana at £3\%, West Wheal Edward et 10 East Caradon, £30\%. 1 LONDON, E.C., has the following SHARES FOR SALE:

10 Sithney Carn, £39,

5 Bryn Gwiog, £30%,

50 East Grarville, £39,

50 Drake Walls, 54\*,

10 Grat Level, £29,

10 Grat Level, £39,

10 Grat When You, £36,

224, paid), £39,

15 East Caradon, £30%,

25 Wheal Graville, £10%,

16 East Caradon, £30%,

16 East Caradon, £30%,

26, Carn Camborne at 22s. 6d.

Bankers: London and County Bank.

MR. JOHN R. PIKE, GENERAL SHAREDEALER,
OFFERS his SERVICES to INVESTORS.
3, PINNER'S COURT, OLD BROAD STREET, LONDON.

WILLIAM ALLISON, STOCK, SHARE, AND MINING BROKER, 29, AUSTINFRIARS, LONDON, E.C. Orders to buy or sell, accompanied by references, punctually attended to.

MR. WILLIAM WARD (late with Messrs. Dunsford and Ranken), SHAREBROKER, 29, THREADNEEDLE STREET, LONDON, E.C. MR. THOS. IOS. THOMPSON, MINING OFFICES, 12, OLD JEWRY CHAMBERS, LONDON, E.C.

MR. WALTER TREGELLAS, STOCK AND SHAREBROKER, 12, ST. MICHAEL'S ALLEY, CORNHILL, LONDON, E.C.

MR. H. WADDINGTON, MINING AND SHAREBROKER,

MR. H. WADDINGTON, MINING AND SHAREBROKER,

20. THROGMORTON STREET, LONDON, E.C.

Shares in railways, mines, &c., bought and sold on the usual commission.

The mania for two or three mines is now raging. Let holders sell at once ere the relapse comes, as it must and will very soon. Great Vor is a good share, but selling at double its value. Shares should be sold. Grenville, a calling mine, is selling at 50 per cent. above Kitty (St. Agnes), paying quarterly dividends of 5s. per share. Tincroft is paying 10s. per share, selling at £18½, £19. Great Vor paying 10s, selling at £35, saves number of shares. paying 10s. per share, s same number of shares.

FOR SALE, EACH NETT:—20 Agar, £2\frac{1}{2}; 3 Trelyon Consols, £10; 20 Great South Tolgus, £3; 10 Union, £2\frac{1}{2}; 2 Stray | Park, £30; 3 West Caradon, £15; 3 Theroft, £18\frac{1}{2}; 100 South Grenville, 9s. Apply to Mr. Johns, 20 Royal Exchange, E.C., London.

DIVIDEND TEN PER CENT. PER ANNUM.—TO BE SOLD, FIVE HUNDRED SHARES (of £l each, fully paid-up), at par, in the WIVELISCOME SLATE COMPANY (LIMITED).—Apply to Mr. RUNDALL, 43, Moorgate-street, City.

WHEAL CARADON,—INFORMATION as to the PRICE of SHARES, &c., in this mine may be obtained of Mr. John Reynolds, 61A, St. and s-road, Camden-square, London, broker to the Company.

An improvement in the 60 cross-cut of importance is daily expected.

Y UDANAMUTANA MINE—SHARES WANTED—FROM FIVE TO FIVE THOUSAND.—Any person wishing to sell can receive great share by applying (by letter) to Mr. W. MANSFIELD, 1, Dale-road, Carlton-road, centish Town, when arrangements will be made to meet the vendor at the company's ffices, No. 2, Charloste-row, Mansion House, and pay cash for the shares transferred. April 29, 1864.

TO ENGINEERING FIRMS.—WANTED TO PURCHASE, a FIRST-RATE ESTABLISHMENT for the MANUFACTURE of MINING MACHINERY. Communications, stating the situation and capital required, and what proportion would be taken in shares of a company, will be treated in confidence.—Address, "G. G.," MINING JOURNAL office, 26, Fieet-street, London, E.C.

TO IRON MANUFACTURERS.—A PARTY in GLASGOW, who has an extensive connection, and who could influence a large trade with Clyde shipbuilders, DESIRES a FIRST-CLASS AGENCY for ANGLE and T-IRON, SHIP and BOILER PLATES, and SHEET IRON, or for any of these singly.—Address, M. A. C.," care of Messrs. Anderson and Watt, 64, Buchanan-street, Glasgow.

TO CAPITALISTS.—The PROPRIETORS of a COLLIERY in fall work, and now producing upwards of 100,000 tons of the best bituminous coal per annum, are DESIROUS of DISPOSING OF the LEASE they hold. The quantity now worked may be doubled without extra expense, if required. The property is situated within 15 miles, by rail, of the port of Cardiff.—Particulars may be obtained of D. RANDALL, ESq., solicitor, Neath.

STEAM ENGINE WANTED, SECOND HAND, about 30, 34, or 36 in. cylinder, adapted either for pumping or drawing.—Apply, with particulars as to price, and where situated, to Mr. WILLIAM BARTLETT, stock and sharebroker, No. 2, Bucklersbury, London, E.C.

ENGINE WANTED.—WANTED, for SOUTH WHEAL SETON MINE, a good 70 in. ENGINE, not less than 10 ft. stroke.—Address, Capt. Bath, West Wheal Seton, Camborne; or Mr. Michael Loam, Treskerby House, Scorter.

ON SALE, SEVERAL THOUSAND BLASTING CARTRIDGES, WATER PROOF. Each cartridge is ready fitted with the best waterproof fuze. They are made up in sizes equal to 4, 6, 8, 10, and 16 conce charges (grelater portion of them 4, 6, and 8 ounces). To a party who will take the ico they will be sold at 3d. per cartridge.—Address, Bullough and Co., 9, 8t. Mary's-gate, Exchange,

I RON SHEETS, AND BEST MANGANESE SPIEGELEISEN. L. REULEAUX, JUN., LIEGE, BELGIUM

TRON AND TIN-PLATE TRADES.—MOST ELIGIBLE SITE, with water-power, and a clear stream for tin-plate purposes. Extensive canal frontage, close to railway station and siding. Coal abundant and cheap. Near Newport, Momountshire.—Apply to Mr. Thos. Thomas, land agent, auctioneer, &c., Neath, Glamorganshire.

MR. T. CARTHEW-NOTICE OF REMOVAL TO M. 1. CARTHEW—NOTICE OF REMOVAL TO

174. SISE LANE, BUCKLERSBURY, LONDON, E.C.—SHAREHOLDERS
in the FOLLOWING COMPANIES will please NOTICE the ABOVE ADDRESS:—
THE CAPE CORNWALL ST. JUST CONSOLIDATED TIN AND COPPER
MINING CONPANY (LIMITED).
THE ST. JUST CONSOLS MINING COMPANY (LIMITED).

MR. THOMAS CARTHEW, MINING OFFICES, 17A, SISE LANE, BUCKLERSBURY, LONDON, E.C. Reliable information respecting mining generally can be obtained by applying as above. Bankers: Robarts, Lubbock, and Co., 15, Lombard-street, London.

TO INVENTORS AND PATENTEES.—A GENTLEMAN having an extensive connection with manufacturers, merchants, and others would be GLAD to UNDERTAKE the SALE of INVENTIONS or PATENTED ARTICLES, on commission.—Apply to Mr. Rawas, patent office, 14, Clare-street, Bristol.

N.B.—Continental and foreign agencies solicited.

KING AND CO., MINING AND SHAREBROKERS, ELDON CHAMBERS, LIVERPOOL.

E L F O R D, W I L L I A M S, A N D C O.,

COPPER ORE WHARFINGERS,

METAL AND GENERAL COMMISSION AGENTS,

SWANSEA.

MANCHESTER.

MANCHESTER.

INSURANCE, AND GENERAL SHAREBROKER,
ROYAL INSURANCE BUILDINGS, KING STREET, MANCHESTER.
A Monthly Investment Circular on application.

# Griginal Correspondence.

### COAL AND IRON IN SOUTH WALES.

COAL AND IRON IN SOUTH WALES.

Sir.,—In answer to enquiries in reference to the Mwyndy Iron Ore Company, I beg to state that were it mine, I should not besitate for a moment respecting the erection of furnaces upon that property, or as near as convenient. The property the company purchased from Mr. Vaughan contains two important essentials—iron ore and limestone; there is also a property near at hand which abounds with coal of a very soft bituminous description, which is considered the best coal for iron making out of the very numerous veins of coal found on the south outcrop. Should the share-below adopt this course (which in my oninon quefit to have been done numerous veins of coal found on the south outcrop. Should the shareholders adopt this course (which, in my opinion, ought to have been done long ago), I have no doubt that, under effective management, it will become a good paying work; and the shares, which are now of but little value, will very soon be sought after as a lucrative investment. I may here add that I have no doubt terms might be made with Mr. Vaughan for the Lanelay property, which is conveniently situated, and contains the well-known coking coals before alluded to.

\*\*Wordstey\*, near Stourbridge\*, April 26.\*\*

#### UTILISATION OF BLAST-FURNACE CINDERS.

UTILISATION OF BLAST-FURNACE CINDERS.

Sin,—The reference to the similarity and dissimilarity of the inventions of Messrs. Crace-Calvert and Fleury in the Mining Journal of April 16 is scarcely so plain as it is desirable it should be in the interests of Mr. Fleury. The fact that Mr. Fleury produces wrought-iron, whilst Prof. Calvert only attempted to produce pig-iron, should at least have protected Mr. Fleury from the charge of plagiarism, and I can only presume that it was through a too hasty consideration of Mr. Fleury's invention that the charge could ever have been made. Prof. Calvert is too sound a chemist, and has had far too much experience in connection with the manufacture. and has had far too much experience in connection with the manufacture of iron, to confound a blast-furnace with a puddling-furnace, and I think

of iron, to confound a blast-furnace with a puddling-furnace, and I think that he had explained why Mr. Fleury's invention was not likely to prove practicable would have been of far greater utility to the public.

The proposition to flux blast-furnace cinders, and then treat them in a puddling-furnace, is something so remarkable and striking that I do not think the novelty of the proposition is at all open to question, though whether the process would prove practically valuable is altogether another matter. The utilisation of blast-furnace cinder is doubtless of great importance, but I am certainly inclined to think that the only mode of profitably employing them will be to convert them into something of a vitreous nature.

S. H. W.

#### PATENT OFFICE, AND LIBRARY.

Sin,—In a former letter I drew attention to the importance of bearing in mind the necessary distinction between the uses of the Museum of Inventions and the Library of the Patent Commissioners, I will now add a few further remarks on the same point, with a view of showing that the Patent Office and Library must be together, but that the Museum may be elsewhere. Now, the use of the Museum is to preserve objects of curiosity in the bistory of inventions, and thereby to show to the public some of the important steps that have been made in mechanical and chemical science, by means of models and specimens of such a character as shall be capable important steps that have been made in mechanical and chemical science, by means of models and specimens of such a character as shall be capable of attracting public attention. It is intended, also, by means of the Museum, to lead the public to appreciate the value of the labours of skilful and successful inventors. But it is obvious that, for objects of this kind, and successful inventors. But it is obvious that, for objects of this kind, so long as the Museum is reasonably easy of access, it is not necessary that it should be contiguous to the Patent Office. It is a place for the resort of the general public, who may or may not be specially interested in patents, and its use is to illustrate the history of practical science, and to connect the names of eminent men with such history.

In distinction from this, the use of the Library is to supply (in the words of the mencial presented to the Patent Commissioners in July, 1862).

of the memorial presented to the Patent Commissioners in July, 1862) the means of informing and instructing the engineer, the chemist, and the manufacturer in matters of great use in their respective callings; and the mandacturer in matters of great use in their respective cannings; and it is, further, frequently the means of preventing men of truly inventive minds from losing their time and money on matters which they honestly believe they have discovered, but which the works contained in such a Library prove to them are not new; and also is highly useful in enabling persons successfully to resist demands made on them by those who had obtained patents for matters which were published to the world, prior to the date of such patents by the very depositing in this Library of works obtained patents for matters which were published to the world, prior to the date of such patents, by the very depositing in this Library of works containing a description of the things so subsequently improperly patented." Hence it appears that the use of the Library is closely identified with the business of the Patent Office. It is intended to give patentees and the public the means of testing the novelty of inventions, and is calculated to improve the quality of specifications by enabling inventors to make a study of subjects connected with those previous inventions on which they are desirous of effecting improvements. The purposes answered by the Library are mainly of a legal character, and, therefore, it ought to be situated as near as possible to the offices and courts of law. The Patent Office and Library are thus required to be together, and near the courts of law, but the Museum may be elsewhere.

W.M. Spence, Assoc. Inst. C.E.
50, Chancery-lane, W.C., April 27. 50, Chancery-lane, W.C., April 27.

# GOLD IN WALES.

GOLD IN WALES.

Sir,—May I crave space for a few concluding remarks on this subject, in reply to the communication of "An Englishman in Wales," which appeared in the Journal of April 16? Your correspondent has some wit, and there is an undercurrent of good humour running through his letter, which I trust is also the humour in which I have penned the whole of my letters. He tells you that we coincide in nearly every particular. Your readers will have seen at once the fallacy of that observation. It is true the "Englishman in Wales" and myself have each called attention to the same facts. In that we have coincided: the objects and the results arrived at are, howthe "Engisement in Wales" and myself have each called attention to the same facts. In that we have coincided: the objects and the results arrived at are, how ever, entirely and diametrically opposite. My worthy opponent, in his last, tells u quite as plainly as before, "asserting," that he "does imagine" Mr. Watson's remark were quite called for. After all they are nothing very formidable. Even in the lan guage of their author they are only "assertions of the imagination." These are gene rally of a very "Will o'the Wisp" character, especially if the imagination should hap pen to deviate from its equilibrium. The assertions which some people imagine they stick to through thick and thin they give no reason for, nor can they or anyone else. The world is witness to a vast amount of mischief caused by "assertions of the imagination." The Annual Reviews of Migning by some of your great writers are guiter. stick to through thick and this they give no reason for, nor can they or anyone eise. The world is witness to a vast amount of mischler-caused by "assertions of the imagination." The Annual Reviews of Mining by some of your great writers are guilty of that sin. With your permission, i shall take the liberty of clipping the wings of every imagination I find in their next Reviews that has nothing stronger than an assertion to rest upon,—that is, as far as they refer to Wales and Welsh mining. The opposition raised against Welsh gold mining has done some barm, and to the present holders has dene some good. Weighing one against the other, I hardly know which is the heaviest. The harm which has been done is this: It has created in some quarters a distrust of Weish gold mines. It has disheratened others who had embarked a small capital in such enterprises, and it has depreciated the value of those concerns which were and are really valuable propecties. The good it has done is this: It has compeled gold miners to depend more upon the intrinsic value of their mines than on any outside influence. There has been a greater, and consequently a better, division of the shared of the mines. Two or three years ago the fairor was so great that it was next to impossible for anyone, save the holder of an extremely long and well filled purse, to get possession of shares in gold mines, but during the recent caim all grades in society got possession of shares in gold mines, but during the recent caim all grades in society got possession of shares in gold mines, but during the recent caim all grades in society got possession of them. There is now an extensive, powerful, and influential class of shareholders sprung up. Lecal confidence in the success of Welsh gold mines was never as

possession of shares in gold mines, but during the recent caim all grades in society cot possession of them. There is now an extensive, powerful, and influential class of shareholders spring up. Local confidence in the success of Welsh gold mines was never so great as at present. Had that success occurred previous to the present time the fruit would have been reaped almost entirely by monopolist capitalists.

"Englishman in Wates" says that I am "at home in Wales." To be sure I am. Instead of wishing him at home, wherever that is, I would volunteer a word of advice to him, and every Englishman in Wates—Make Toureskyes at Home in Wales. There is plenty of room for us all, and safficient scope for the powers of all. He goes on to say that he has "simply stated facts, and facts, too, which he can uphold against all England and Wates put together." There he shows something of the pluck of an Englishman, and embodies one of our national motices—Y Gwin Y & ER ENY BTD; which, for his edification means—Truth against the world. I shall leave it to your residers to Judge whether his facts are anything more stubborn than "assertions of the imagination." If would what to refer to that part of my letter which "Englishman in Waies" informa us has pained him very match. Why has it pained him: He informs us, as more reason, because I got into a bad temper when I taunted him with writing what he did not know about. He promises also his forgiveness. I apprehend it is not for him to forgive: he is the bold-fronted offender, and whenever he asks for forgiveness eshall give it to him freely and fully. I repeat the question—why did my remarks pain him? Because it was in that sentence facts which he was not aware of at the time he penned his letter scattered the "assertions of his imagination" into smithreens. He haded his letter scattered the "assertions of his imagination" into smithreens. He haded his letter scattered the "assertions of his imagination" into smithreens. He haded his letter from Dolgelly, giving us to understand th

ot in ignorance.

a" is very witty, raising a laugh

at the expense of 384 men working at present at Cefn Coch being in each others way.

Their being is or out of each others way would depend entirely upon " who would un-Their being is or out of each others way would depend entirely upon "who would undertake" the captaincy of these 384 men,—whether the Englishman or the Weishman in Wales. From his quotation of the old adage, "We must crawl before we can run," I should not like to trust the task to the former. The "crawling "system has had its day, and that day has been something longer than 24 hours. My reason for coming to the defence of the reports of Capts. Nancarrow and Fault was because they advocated a mode of proceeding perfectly the reverse of "crawling." Those gentlemen were able to defend themselves better than their advocate; but I had a strong wish, which has been gratified, to uphold more elevated diese. "A spur in the head is worth two in the heel," "He that stays in the valley will never get over the hill." I trust that all obstacles to the complete success of Welsh gold mining will be overcome. It will not be more gratifying to anyone than to a.—

Welshman in Wales.

#### THE YUDANAMUTANA MINING COMPANY.

Sirs,—In the Journal of last Saturday it was mentioned that you be-lieved that an offer of 100,000% had been made for the Blinman Mine, believed that an offer of 100,000% had been made for the Blimman Mine, belonging to the Yudanamutana Company, a ridicalously small sum, I think,
for such a mine. There has long been a party at work, evidently endeavouring, as it appears to me, to depreciate the company's property, for the purpose of
frightening the shareholders into disposing of their shares at any price they can get,
hoping, I firmly believe, by so doing to be able to obtain the Blimman Mine for a mere
trifle, form a new company, and at once throw the old one overboard.

The Chairman of the board of directors spoke at the March meeting in the highest
terms of this mine; in fact, he told the 300 or 400 shareholders then present that the four
furnaces would soon be in full work, and that they would turn out every month ore of
the value of 8000%, or 96,00%, a year. And besides all this Capt. Anthony has since
reported from the mine that a new good lode had been cut, which would eshance the
value of the mine very considerably; this, upon further examination, may be found
quite as rich, or even richer, than the old "big bunch," so much coveted by the party
alluded to.

To sell a mine for 100,000%, that the shorshold we want to the substance of the content of the substance of the

alludes to.

To sell a mine for 100,000?., that the shareholders were told by the chairman of the company will shortly produce ore of the value of 96,000?, a year, and also to have just heard that a new tode had been cut, which, for all yet known, may turn out of immense value, appears to me to be the height of absurdity. I am of opinion that no offer short of 300,000?, or an annual guaranteed payment of 11. per share, should for a single moment be entertained by the shareholders for this mine. Should the shareholders agree to dispose of the mine on less favourable terms, the day, I have no hesitation in saying, is not far distant when they will bitterly repent. It seems to me to be very questionable indeed whether this mine ought to be parted with at all; for, according to Mr. Illil's statement, it must be as good as any that the Burra Burra Company have got; therefore, why allow it to pass into other hands?

April 27.

### YUDANAMUTANA COPPER MINING COMPANY.

SIR,—As a shareholder in the above company, I ask insertion for the following statement of quantities and value of ore raised in the short space of twenty mouths from the commencement of working operations in mines hitherto unopened. All the items quoted are taken from the directors' report issued last month and the last report revelved from the mine. It appears that nearly 115,000t, worth of rich ore has been produced, principally from the Blinmar Mine alone. These facts explain the "reason why" such unscrupulous audacity has been exhibited by the "Circular Machine" writers to disguise the truth.

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#### WEST METAL MINING COMPANY.

SIR,—In our letter of last week, we stated that we had requested Capt. Charles Thomas, of Dolcoath—who is toller, or underground inspector, for the lord of Great Wheal Vor, as well as of West Metal—to give us his opinion as to the run of the Wheal Metal lode, and we now beg to hand you his report.

you his report:—

Killioose, Camborne, April 22:—I have to-day been to West Wheal Metal Mine, and as it seemed a point of contention I thought it advisible to have the best authority in the district that could be procured. Mr. Ridderton, who was formerly the surveyor of Wheal Vor, met me on the ground, also an agent of that mine during the time Mr. Crease had the control of the mine. Both of them told me they were well acquainted with the Metal lode, and with the adit which is extended into the mine from the main or cross adit that goes into Carlean and Wheal Vor. They both state the line of Wheal Metal lode in the Wheal Vor sett will carry it into West Metal sett for 300 fms. in length from the eastern boundary. If the cross adit had been clear the lode could be seen therein, but at present the water is too high to admit of any person passing through it. I have only to say that the statements of these gentlemen, and their opinions of the position of the Wheal Metal lode, appear to me to be founded on truth, and under the influence of sound judgment. The plans presented me by Captain Thomas Richards, which I understand were made by Mr. Ridderton when he was the surveyor of the Wheal Vor Company, quite confirm the testimony of that gentleman and of the captain above referred to, that the Wheal Metal lode will in all probability be found in West Metal sett. In order to prove this beyond a doubt the proper work is now being done, so far as clearing the adit is concerned.

The following is from Mr. Riddington:—

the wheat steam love with an inproved this beyond a doubt the proper work is now being done, so far as clearing the adit is concerned.

The following is from Mr. Riddington:—

Great Wheat Vor, April 21, 1884.—"In answer to your enquiry, I dialled the Wheat Metal lote, on Wheat Metal lote, during the time I was the surveyor in the Great Wheat Vor United Mines, and I am fully persuaded that the Wheat Metal lode runs through the West Metal sett."—Journ Riddington.

Here, then, the matter for the present rests; if, as we said hast week, it should be proved that the Wheat Metal lode does not enter West Metal, those who choose to have the allotment money returned will have it. And in order to prove the matter as soon as possible, we may as well explain what is doing. Some time since, a lode in the district, and on this caunter a shaft is being sunk to take the lode found in the pit a few fathoms deep. In the next place, it will be observed in Capt. Charles Thomas's report he says—" If the cross adit had been clear the lode could be seen therein." Steps are being taken to clear this adit as fast as possible. The following reports, from Capt. Charles Thomas, jun., show the present state of the lodes:—

West Metal, April 28, 1864.—"The pit in Buller's Land, under the hedge of the land-lord's field, is much improved this morning, producing good stones of jack and mundic; the lode is now 2 feet wide, underlying 2 feet in a fathom. The caunter lode is also much improved in size and appearance, composed of peach, spar, prian, and mundic."

West Metal, April 26.—"Since yesterday the pit on the north hedge of Buller's Land has considerably looking spar. Nothing new in the pits new the foor. The man I told you of, who wanted to work the knows the ground well, and offered to find the The man here referred to is one whe knows the ground well, and offered to find the

of, who wanted to work on tribute, was on the ground yesterday, and says we are within 6 feet of the lode."

The man here referred to is one who knows the ground well, and offered to find the lode, if the agent would allow him to work the tin on tribute.

All we can say in regard to the lode said to have been cut in Wheal Emma, and now called West Wheal Vor, we hope most sincerely it may prove to be the richest lode in the county of Cornwall. We shall then have only to sink a shaft near the boundary, and cut it in West Metal. To explain this we may remark that there are two distinctive features of the Wheal Metal and South Wheal Metal lodes in feart Vor: the former underlies north 2 feet in a fathom, the latter 4 feet in a fathom. These are indisputable facts. Now, the pit in which the lode has been cut in West Vor is, according to these who have seen and measured it, 28 to 30 fms. south of the boundary of West Metal; and if it be the South Metal lode, as we believe, it will underlie 4 feet in a fathom (we have seen and measured it, 28 to 30 fms. south of the boundary of West Metal; and if it be the South Metal lode, sa we believe, it will underlie 4 feet in a fathom (we have seen and measured it, 28 to 30 fms. south of the boundary of West Metal; and it is the the South Metal lode, sa we believe, it will underlie 4 feet in a fathom (we have it is a fathom of the seen of the seen and it is the well will be 4f. nearer the boundary; at 10 fms., 40 ft. nearer; at 20 fathoms, 80 ft. nearer; at 30 fathoms, 120 ft.; at about 40 fms., entirely in West Metal sett. If it should prove to be the Wheal Metal lode, then it would underlie 2 feet in a fathom, and be in West Metal 80 fathoms from surface. There is not the shadow of a doubt, however, in the mind of the agents that the Wheal Metal lode passes through West Metal at the surface, and that it will soon be proved; and if the West Vor lode were the Metal lode, it must have been heaved south 60 fms., and not 10, as stated in our last, whereas the heave of the lodes gen

and positively pronounce that we have cut the Metal lode. One of these agents, we name we give, and who was for many years connected with Great Vor, says he is it is the Metal lode; and as he also said he held 200 shares in Wheal Emma (West his opinion would not have been so expressed if the subject admitted of any doubt.

# WEST WHEAL METAL, AND WEST WHEAL VOR.

SIR,-A letter having appeared in last week's Journal from Messrs. Watson and Cuell, stating that the rich Metal lode of Great Wheal Vor passed through West Metal sett, and not through the West Wheal Vor sett, I, as a member of the committee of the latter mine, beg to hand you the copy as a member of the committee of the latter mine, beg to hand you the copy of a letter this day received from Capt. T. Gill, the manager of Great Wheal Vor, who should know, and I believe does know, more about the course of the Metal lode than any other man in Cornwall,—from which letter it appears to be conclusive that the Metal lode does not pass through West Metal sett, but through West Wheal Vor set; and in further confirmation of this, I beg to say the lode discovered in West Wheal Vor is nearly I? feet wide, and that it is exactly in the position indicated as the curse the rich Metal lode takes in the tracing referred to in Capt. Gill's letter; and in a pian prepared after a special survey of the sett and dialling of the lode made for the West Wheal Vor Company, by Mr. Henderson, of Truro, who as a surveyor, and for the accuracy and excellence of his surveys and plans, is admitted to be second to no one in Cornwall.

In Messrs. Watson and Cuell's letter there are several statements and assertions which, were it necessary, and the doing so would not occupy too much of your columns, I could easily confute; but I cannot omit this opportunity of saying that a statement made by one of Messrs. Watson and Cuell's firm, on the Mining Exchange, to the effect that Capt. J. Southey, the manager of West Wheal Vor, had expressed his regret at having tolegraphed to Mr. Gundry that the lode he had out in West Wheal Vor was the rich Metal lode, must have arisen from some misapprehension; for I hada letter from Capt. Southey,

graphed to Mr. Gundry that the lode he had cut in West Wheal Yor was the rich Metal lode, must have arisen from some misapprehension; for I had a letter from Capt. Southey, only yesterday, in which he not only positively denies ever having expressed or selt the regret imputed to him, but he also declares that he never doubted that the lode he had discovered was Metal rich lode, as it could not possibly be any other lode, the place where it was found being exactly that in which the surveys indicated it would be met with. With regard to Messrs. Watson and Cuell's offer to return the money, 3t. 10s. to 4t, per abare, which they received for West Metal shares, on its being proved Metal lode does not pass through the West Metal sett, I cannot help remarking that it is a novel and original idea to call on the purchasers of an article to prove, as Messrs. Watson and Cuell's offers what shows cold-side Metal Metal Lode Cuell wirtungly, do that they, the sellers receives what they have sold-side. Metal Lode Cuell wirtungly, do that they, the sellers receives what they have sold-side. Metal Lode

and original idea to call on the purchasers of an article to prove, as Messrs. Watson and Cuell writtally do, that they, the sellers, possess what they have sold—the Metal lode 19, Tokeshouse-yard, April 27.

"Great Wheal Vor, April 25.—In reply to yours of the 23d, I beg to inform you that we had two lodes in the eastern part of Metal sett; they formed a junction in the 10d, and since that time, in driving west, I can find but one. I think the two lodes are going

on together. We examined the ground to the west to-day, and I think, and am almost certain, that our lodes (i.e., the Metal lodes) run through Rosemebar sett (i.e., West certain, that our lodes (i.e., the Metal lodes) run through Rosemebar sett (i.e., West lodes) and boundary, so that you will on together. or lodes (i.e., the Metal lodes) run introduced certain, that our lodes (i.e., the Metal lodes) run of the lodes and bound wheal Vor). I enclose a tracing of the run of the lodes and bound have the matter clear; this is our north lode in Metal,—Thomas

#### HONOUR TO WHOM HONOUR IS DUE.

MR. EVAN HOPKINS, AND THE NORTH DEVON MINES, COMBMARTIN.

MR. EVAN HOFEINS, AND THE NORTH DEVON MINES, COMEMARIN.

Sin,—In the Government Mining Museum, Jermyn-street, may be seen a remarkably fine boulder of silver-lead ore, which with others, one of them weighing 800 lbs., and in all about 3 toos, was discovered in the North Devon Mines, only a few feet from the surface, in the course of sinking some pits, near the engine-shaft, on Nap Down, about 32 years ago. Operations were then carried on on one lode only, called the main lode, and these boulders were supposed to be from the back of the main lode, which was then comparatively poor. This circumstance—the poverty of a lode with such a rich outcree, was unaccountable to many, and greatly puzzied those conversant with mining affair; but, sithough facts were apparently against him, Mr. Hopkins expressed a strong conviction, not withstanding, that these boulders indicated an enormously rich deposit of on in depth, which would some day be discovered. Capt. Trelease, the then manager, entertained a similar opinion (as will be seen in his report printed in the prospectus when the present company started); but the mine, from certain untoward circumstances, was abandoned shortly afterwards. The present company was formed in 1869, and sheat twelve months ago the present very efficient manager, Capt. Blamey, after carefully dialling the ground, arrived at the conviction that the boulders were not raised from the main lode. He at once commenced operations at the adit level, for the purch of tagicing the correctness of this opinion, and in about 2 or 3 fathoms driving, and at a cost of only about 201., he cut a new lode never seen before, worth at the poliot of intersection about 50, per fm.: he at once resolved to lay open the new lode by cross-cats, &c., from the different levels on the main lode, and has since opened it in the 10 and 29, and asak a winze below did, and then below the 10, where he has commenced stoping, and athir below the 20, with the following results:—The winze below the adit is now worth 1½ ton, or say 1

#### NEW BIRCH TOR AND VITIFER CONSOLS.

SIR.—A letter from Captain Lean, one of the late agents of these mines, appears in last week's Journal. In reply I would observe that it was stated by the other late agent, at the last meeting of the company, that Captain Charles Thomas should immediately inspect the mine, and report on it on their behalf. I have been expecting to see him ever since, and should be most happy to meet him or any other agent of experience on the mine, as I have no doubt that his report would entirely confirm all that I have already written. The mine is, however, making progress every day since it was so justify reported on by me.—April 27.

WILLIAM SERVIR.

#### NEW BIRCH TOR AND VITIFER CONSOLS.

NEW BIRCH TOR AND VITIFER CONSOLS.

Sir.,—I had hoped that ere this I should have heard from Capt. Skewis, assenting to my suggestion for a reference upon the point on which we differ, or else suggesting some plan of his orn, and thus end my unnecessarily further troubling you and the publicanth's subject. For the present, I can only say that I am determined to get this matter thoroughly investigated, and if Capt. Skewis will not join in this, to get it done without him. As to those points of Capt. Skewis's report which are questions of facts, those of your readers who have taken the trouble to read my last letter will be able to judgs for themselves, and I think the only conclusion they can come to is, that either Captain Skewis or mysoif—one of us—has willfully and deliberately stated what is not true. By Capt. Skewis's report, that the ground stated to be insecure was secured by one man in one stem, and that this was done on March 31; that the hundreds of kibbies of stuff in the levels were 76 kibbies only, and was cleared it two stems; that there were 6 toss of tin on the stamps-floors, besides some 3 tons in leavings; that not only was no tin broken in March put to the stamps, but also that two pares of tributers' parcels for Jan, and Feb. months had not been sampled.

Franco-cottage, Horrabridge, April 27.

# Meetings of Mining Companies.

## NEW WHEAL MARTHA MINING COMPANY.

The first annual meeting of shareholders was held at the company's offices, Copthall-court, on Monday,—Mr. Thomas Linford in the chair. The notice convening the meeting having been read, a statement of receipts and payments, made up to Jan. 31, was submitted, from which the following is condensed:—

Balance brought down .....£ 2,417 11 4 Lease of the mine, implements, ma-

7,325 7 9 299 13 7=£10,042 12 8

the original capital; and, as two months' working capital (about 1990), Is always required before returns from ore sold come in, the board believe that the continued opening up and development of the mine can be more economically carried on with some further capital. They think that a sum of 2000, should at once be raised, either by loan, or by a new issue of shares, or by such other method as may in meeting be determined. Each month confirms the former belief that the mine only requires depth and development to make it one of the richest and best paying in the county, and that short time and a little more outlay will prove the correctness of the belief.

The Charkman said, before proposing the reception and adoption of the balance-sheet, he wished to state that the directors considered it their duty to submit to the present shareholders, in conjunction with the New Meal Martha balance-sheet, that of the liquidators of the Great Wheal Martha Company. The question of 671L, which was discussed at the last special meeting, had been fully gone into by the directors; but they found it impossible to determine how much of that sum really belonged to the old company, and how much to the new, because the total had been expended in the labour and materials necessary for keeping the mine in an effective condition, and, therefore, exclusively for the benefit of the New Wheal Martha shareholders. Although the liquidators were illmitted in their powers of purchase, they were not limited in their powers of purchase, they were not limited in their powers of purchase, they were not limited in their powers of purchase, they were not limited in their powers of purchase, they were not limited in their powers of purchase, they were not limited in their powers of purchase, they were not limited in their powers of purchase, they were not limited in their powers of parchase, they were not limited in their powers of parchase, they were one kept in a working condition, that the would most certainly have done had it not been kept in a wo

certain men at work, and to continue certain other expenses, for which the liquidators received nothing but two months' ore, and which ore was subsequently sold for the benefit of the New Martha shareholders. As the 6711, had been spent in obtaining this ore, it ought to be considered as a much working cost of the new company. He moved the adoption of the report and accounts, ——Major Skwell a seconded the proposition.

A SHARKEHOLDER said, by the accounts, which were not such as those that were presented to Cornish shareholders, it was impossible to know what stock of ore there was on hand at the present time. ——The CHARMAN said the ore on hand had been valued as closely as possible. —Mr. W. L. WEBB enquired if any report had been received from the mine. ——The CHARMAN replied in the affirmative, and read the following:—

April 22.—The engine-shaft is sunk S ms. 3 ft. below the 74, on the north side of the lode, the ground being highly mineralised, and contains floors of spar, spotted with copper ore and mundic, dipping south towards the lode; such indications as these angur will for deeper levels. The 74 is driven east from shaft about 20 fms.; the first 4 fathoms through a good orey lode, and the remaining part of the drivage has been in the lode,

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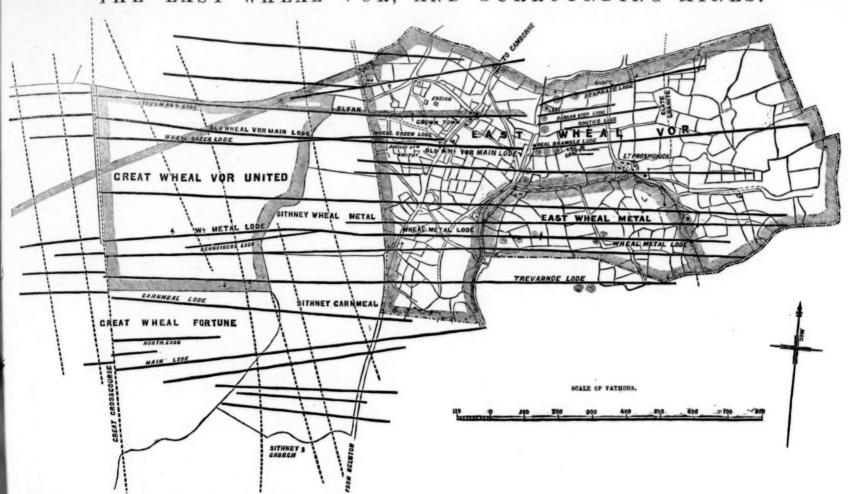
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were then we pay the expore was sold from which CHAIRMAN: turred in oball the mate turred in ke for one mon of the new o of the new of the present the labour of the present the labour of ence. I do sented the a more can be f Upon con was found triage of the Mr. Lysu nothing in i Mr. J. Su pretage-stat

-Mr. TB

#### EAST WHEAL VOR, AND SURROUNDING MINES. THE



once world-renowned Wheal Vor is engaging a large degree of attention on the part of the mining public, it will be interesting to refer to some of the most prominent features of the district. The geological character of the ground has been outlined in the leading articles of the Journal in the past two weeks, and it has been stated therein that the Old Wheal Vor occupies the western half, and East Wheal Vor the eastern half of the district, the old mine resting on the slope of the western granite hills, and the new mine on the foot of the eastern granite hills, both being in the great basin of clay-slate enclosed between the two granite ranges. The old and the new mine are, therefore, in precisely the same geological position—that is to say, near the junction of the two descriptions of rock, a situation in which all the best tin and copper mines of Cornwall have been found, without a solitary exception. If we go far from the junction of these primitive rocks we get in the clay-slate formation our great lead mines of which East Wheal Rose was, and West Chiverton is, the most striking example, the latter exhibiting characters of permanency never before shown by any Cornish lead mine. If, on the other hand, we go far from the "junction" into the heart of the granite country, although we meet with in mines some of which have given large and rapid profits, yet they have not been so largely productive and profitable as those on the borders of and in the clay-slate. The Wendron Mines belong almost exclusively to the granite in which the old Wheal Lovell gave large profits, and East Wheal Lovell is at present opening through courses of tin of extraordinary richness, and yielding excellent profit, which seems likely to be greatly increased. But no body of tin has yet been met with in the granite that rill bear comparison with that formerly discovered in old Wheal Vor, and that now being laid open on the parallel lode of Wheal Metal byte, and that now being laid open on the parallel lode of Wheal Metal byte, and that now

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At a time when the development of the extensive tracts surrounding the once world-renowned Wheal Vor is engaging a large degree of attention on the part of the mining public, it will be interesting to refer to some of the most prominent features of the district. The geological character of the ground has been outlined in the leading articles of the Journal in the past two weeks, and it has been stated therein that the Old Wheal Vor been stated therein that the Old Wheal Vor been given the western half, and East Wheal Vor the eastern half of the istrict, the old mine resting on the slope of the western granite hills, and he new mine on the foot of the eastern granite hills, both being in the great basin of clay-slate enclosed between the two granite ranges. The bid and the new mine are, therefore, in precisely the same geological position—that is to say, near the junction of the two descriptions of rock, a simulation in which all the best tin and copper mines of Cornwall have been found, without a solitarry exception. If we go far from the junction of these primitive rocks we get in the clay-slate formation our great lead mines of what he was then practised. The quantity of sand and slime containing tin sent was then practised. The quantity of sand and slime containing tin sent was then practised. The quantity of sand and slime containing tin sent was then practised. The quantity of sand and slime containing tin sent was then practised. The quantity of sand and slime containing tin sent was then practised. The quantity of sand and slime containing tin sent was then practised. The quantity of sand and slime containing tin sent was then practised. The quantity of sand and slime containing tin sent was then practised. The quantity of sand and slime containing tin sent that the treatment of choke up the harbour of Porthleaven, and the proprietors of the port compelled the mining company to build a dam proprietors of the port compelled the mining company to build a dam proprietors of the port compelled the mining com pears to have been met with first very near the surface in the western part of the ground, and not far from the granite hill, and to have inclined eastward with increased depth, thus keeping away from the granite as it sloped out in the same direction. The lode increased in value as it went deeper, until at about 250 fms. under the adit it became worth for some distance 1000. Per fm.! As the best tin ground did not appear to extend beyond a certain point eastward, but to continue in undiminished value in depth, the operations were confined almost exclusively to following it to deeper levels, leaving the splendid tract of ground reaching to the eastern hills, traversed by the same lodes, and marked by precisely the same geological features as the old mine, completely unexplored. This ground is now occupied by East Wheal Vor and East Wheal Metal.

The parallel ground was neglected in the same way, and the rich Wheal Metal, then as now included in Wheal Vor, was thus left for the present company, who are without doubt opening up the richest tin mine of the day, the lode being worth in places 400£, per fathom, and the profits rapidly on the increase. Still further south, in the same parallel, a very rich course of tin was met with some time since in Great Wheal Fortune, from which excellent profits have been derived. Sithney Wheal Metal and Sithney Carameal are also giving excellent indications of becoming highly productive and profitable.

By a reference to the map of this district which accompanies these remarks, it will be seen that East Wheal Vor is of even greater extent than the Great Wheal Vor, and that it embraces all the lodes of its celebrated neighbour, including the one which was so rich in the old workings, as well as that which is so now in the part called Wheal Metal. It is also traversed by similar cross-courses, which are not delineated on the map; and the clevan course which had such an important effect on the productive character of the lode in the old mine, passes into the eastern ground also.

In East Wheal Vor, also, the tin has been met with very near the surface, and near the slope of the granite hill, and has been found extending as deep as the 80 fm level, and increasing in value with increased depth, thus corresponding exactly with the old mine. From the most limited and scanty operations 12,000£ worth of tin has been already raised. The formation of the ground, the character of the clay-slate, the composition and underlie of the lodes, and all the features, without a single exception, of East Wheal Vor, form a perfect counterpart of Great Wheal Vor, and there is, therefore, searcely room for a doubt but that equally large and rich masses of tin exist in the eastern portion of this great mining field as have been already met with in the western part of it, and from which much larger profits will be derived, a much greater amount

complete by East Wheal Vor and East Wheal Section 1992.

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March, which also included the cost of the pitwork for another level, the 90. He felt himself perfectly justified in stating that the prospects of West Chiverton were at the present time more encouraging than at any former period; and the course hitherto pursued should, so long as he held his present large interest in the mine (and he had determined not to reduce it, so satisfied was he of the merits of the property as an investment), be maintained, and the nine vigorously developed. He had received considerable assistance from the large shareholders in the management of the mine, and their agents had certainly most ably carried out the heavy and anxious work which had devolved upon them during the past year. Their anxieties were now comparatively at an end, as the sinking of the engine-shaft would be resumed in the course of a few days.

Capt. JULEARY (in reply to questions from Mr. G. Batters) stated that in about three months the engine-shaft would be sunk to the 90, and he felt confident upon cutting the lode rich in that level.—Mr. Battrass reminded his fellow-shareholders of the fact that during the last three years there had been nothing but the 70 fm. level to work upon, and that the great returns and profits had been made from the upper levels. Although since the present company took possession of the mine the lodes had been cut in the 80 fm. level, and extended for a great distance, not a stope had yet been put in the back of that level, the returns having been made entirely from the 70 and upper levels. That spoke volumes for the course of ore which had been pased through in the 80.

Mr. RICHARD HAWKE expressed unabated confidence in the future of the mine. There could be no question that in West Chiverton they had not only the best lead mine in Cornwall, but the best lead mine in the country.—A SHARKHOLDER suggested that as it be balance in hand had accumulated to 40001, the sharkholders might look forward for the charms of for in smelters bills, which were not cashed until some time after the sale.

CENTRAL AMERICAN MINING COMPANY. The annual general meeting of shareholders was held at the company's offices, Queen's-street-place, on Thursday,—Dr. F. F. Quin in the chair.

Mr. John Phillips (the secretary) read the notice convening the meeting, and the report and statement of accounts to Dec. 31 last, of which the subjoined is an abstract, were submitted:—

RECEIPTS 

Mr. R. TAYLOR, after having referred to the different points of operation, stated that the letter received that morning had, as the Chairman observed, somewhat damped their prospects for the present, but it was nothing more than one, of those fluctuations which was ordinarily met with in the productiveness of all veins of that character. In other respects he might speak with great satisfaction of the regular progress made in the laying open the bottom part of the mine. He might mention that the directors were in treaty for another mine, which was likely to turn out well—indeed, they might now look upon it as a district of mines, so that in future they would not have to depend upon one mine alone. The reduction-works might be spoken of with great satisfaction, and the process of amalgamation had answered their expectations. Additional machinery had been sent out, in anticipation of opening ground upon a larger scale.

The report was received and adopted unanimously. Upon the proposition of Mr. Heberdden, where re-appointed.

pointed. to the Chairman and directors, to Messrs. Taylors (the managing directors), secretary, were passed, when the proceedings terminated.

# SOUTH WALES COLLIERY COMPANY.

A special general meeting of shareholders was held at the company's offices, Cannon-street, on Thursday,

A special general meeting of shareholders was held at the company's offices, Cannon-street, on Thursday,

Mr. Crawshay Bailey, M.P., in the chair.

Mr. Wallis, the secretary, read the notice convening the meeting, and The Chairman observed that, inasmuch as the object of the meeting was to make an agreement with Joseph and Crawshay Bailey, he was an interested party, and he would vacate the chair, and retire whilst they discussed the matter, during which the Deputy-Chairman, Mr. R. W. Kennard, M.P., would take his piace.

Mr. R. W. Kennard, M.P., said that Mr. Crawshay Bailey having explained the circumstances of his withdrawal from the chair, it only remained for him to request their solicitor to explain the clauses and circumstances of the lease. It was a great satisfaction to him to be engaged in the undertaking, for he believed there was every prospect of prosperity before them. The development of the colliery would be an advantage to Messrs. Balley, an advantage to the Biaenavon Company, and an advantage to this company, which had their ceals at a reduced rate as compared with almost any colliery in South Wales. The field, so far as they were concerned, was inexhaustible, and it would only depend upon their diligence and care for success.

Mr. Ropen said that the first resolution, sithough formal—its object being to sanction a lease to the company of coal seams and minerals in the Cwntiliery and Blains Valleys from Messrs. J. and C. Bailey—was important. The company was formed only to work some property of the Blaenavon Company, but it was now found to be desirable that a certain property adjoising should also be acquired; and, as one of the leasons was a director of the company, a special resolution was necessary to enable the arrangement to be carried out. The regulation to be added to their articles was to give the director other than Mr. Crawshay Bailey authority to treat for the lease. The second resolution was nervely formal, to remove a useless clause, the 66th, from their articles, so that the dire

ant. Hossas hows would nice to make a low coservations on their property, as he professed to be better acquainted with the neighbourhood than, perhaps, any other of the directors—he had known the South Wales coal field for 40 years—and he had no hesitation in saying that they had 1500 acres of the very cream of the South Wales coal. As the managing partner of the Ebbw Vale Company, he could say that the property was not surpassed by any in the kingdom. Their coal was of high evaporative power, and as to the facilities for working, he might tell them that it was remarkably free from faults, and can be worked very cheaply, whilst the royality was 30 to 50 per cent. below most of the South Wales collieries. He had the greatest confidence that it would prove a first-rate property.

first-rate property.

Mr. KENNAID thought it must be satisfactory to hear such a statement from Mr. rown, as it was of tenfold importance coming from such an authority—Mr. Brown naidered that the landlords had acted most liberally in granting the leases upon the rms they had been granted.

considered that the inndiords had acted most liberally in granting the leases upon the terms they had been granted.

Mr. Crawshay Bailey now re-entered the room, and resumed the chair.

The Chainman said that he entered the concern believing that it would be honestly conducted, and he could assure them that it would continue to be so conducted. In South Wales all the collieries had hitherto been generally managed by one head, but here there were six or eight experience directors, and they must see that they did not make the foolish expenditure some public companies did. He would continue to be near the property, and should not fail to give it his attention. He might observe that they had 330 acres of freehold and mineral property for 60,000£, carried over ten years, with the pits ready sunk and roads made, and 300 or 400 men at work, which last fact alone was of great importance, now that working men were so scarce. In reply to shareholders, it was stated that they were at present raising 200 tons per day, and would shortly be raising 300 tons, but our capabilities are almost unlimited. The share certificates will be ready in about ten days, and for the convenience of shareholders all the certificates will be for one share each.

Thanks were then voted to the Chairman, and the meeting separated.

COMPETITION DISTANCED BY MILES.—We understand that the 16s. rousers supplied by Mr. Alfred Webb Miles, of 73, Brook-street, Hanover-square (by rhom they were originated) are far superior to those obtained of any of his numerous mitators, and that his customers ensure better value for their money in the various deartments of his trade as a tailor than they are likely to get elsewhere. It may be well to note the address (73, Brook-street, his only place of business), as he formerly resided in Bond-street.—Observer.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING. The Mining Share Market was more than ordinarily duil during the early part of the week, but a more favourable change has since taken place, and a fair amount of nucless appears to have been transacted. The usual fertilighty second took place to did from the control of th

mineralised, and traversed by numerous loces. At Bramble's, the loc in the shait under the 60 is worth 30!, per fm.; the 60 east is valued at 45!, per fm., and a rise on Smith's lode is worth 20!, per fm. for tin; whilst many other places are presenting appearances of undoubted improvement.

Basset and Grulls.—Remarking last week on the disappointment noticed at the meeting held on the 11th, at the non-payment of a dividend by many shareholders who were led to expect one, from the well-known prospects of the mine, I find, on again referring to the abstract of accounts sent to the shareholders, that 300!, had been expended at Wheal Foster in the erection of the requisite machinery, and 100!, charge on account of a new count-house, which, with the balance of 70!, 6s. 4d., will give a profit of 470!, 6s. 4d., for the three months' working. Still, as Wheal Foster is a portion of the sett, it must be supported out of the aggregate returns; but it is to be hoped it will soon be self supporting.

East Willeae Lovelt.—Capt. Charles Thomas has again inspected this mine, and it is highly gratifying to learn that his report fully confirms the value of the several places of operation as furnished officially. The lodes at the bettom of the shaft is estimated for the length at 120!, per fm., leaving good reserves for taking away when the 38 is being extended. The stopes in the back and bottom of the 20 are worth 100!, per fm., with every probability of improving in depth. The winze below the 20, on south lode, is estimated for the longth, 9 feet, at 75!, per fathom, and, further, that "the mine presents much greater indications of durability, of good productiveness, and profits than at the time of my last visit." The mine is reported to have made between 500!, and 600!, profit, during the month, and between 9 and 10 tons of this are now ready for sale, if not soid aiready. According to the reports received this morning (Friday) the several places yielding tin are worth in the aggregate 400!, per fm.

GREAT EAST LOVELL.—It is

From Mr. JAMES CROFTS:-For copper mine shares in general, but thos

with considerable spirit.

From Mr. James Crofts:—For copper mine shares in general, but those in particular of large produce, the market became depressed this week, occasioned by a fail in the "standard," equal to about 5s. per ton of ore; but the event has a tendency to direct the attention of buyers of shares, as giving the opportunity to invest in good dividend mines at lower prices, of which the public appear to have availed themselves, there being airendy a partial raily in several of the leading stocks, and no disposition shown to force them on the market. There are circumstances besetting the tin trade, however, which point to the necessity of great caution on behalf of amateurs or holders of tin shares, the writer having heard a strong opinion expressed from a first-rate source that there must, sooner or later, be a serious fail in this metal, occasioned by the crippled demand from the United States, and the more momentous fact that stocks of East India tin are fast accumulating in the hands of the Dutch Company; or, in other words, that production is far overtaking consumption. The course of action which holders of tin shares should, under these circumstances, adopt is too obvious to need amplification, but it may always be deemed useful to to be warned in time, instead of waiting for a strong reaction, and the consequences of a simultaneous desire to sell in shares, or barter them for lead or copper. Of the three metals, lead is certainly the favourite at the moment, keeping its price admirably, and, according to appearances, likely to do so. A strong recommendation to the mining public to pay at present undivided attention to lead shares is a natural corollary to the facts now stated regarding it nand copper ones. Certain advertisements in the Mining Journal of this week show astrong tendency to depress the prices of several mines, and notably WHEAL Generalization. Law to the service of a price and the productions. How far the predicted drop in tin may enter into the calculations of the "best shares

the locality to its proper estimate pertain to mining of a more ad Of the mines very recently is tion as a mi of the mines very recently introduced to public notice, it is reported that East Of the mines very recently introduced to public notice, it is reported that East Von is already showing signs of success, in a tin iode valued at 451, per fathem, another worth 201, met with in the shaft; but no doubt ample news from will appear from other correspondents of the Journal who have just visited perty. Nozitz Chivernon shares are also considered deserving the attention colors, so far as any may remain for sale. From GREAT SOUTH CHIVERTON the active operations, which so far indicate eventual success. The weekly circ who was good authority as to facts, report the market for the weekly circ active operations, which so far indicate eventual success. The weekly dreat mining firm, who are good authority as to facts, report the market for the week lows:—"The market has been but moderately active this week. Greenvilles firm, owing to the actions of the 'bears,' who endeavour as much as possible to holders out of their shares. Great Vors also fatter. Nanglies much bette Lovelis better. Hopes better; the south part of the tode is worth 201, per father ere long this, evidently the main part of the lode, will be seen at several other carm Cambornes have advanced, and we hear there is a good improvement, Loveil shares, on Thursday, left off at 191, buyers, and reported to be "going Troop Market has been made to the contract of the long of the long

real ong this, evidently the main part of the lode, will be seen at several other and carn Cambornes have advanced, and we hear there is a good improvement."

From Mr. Edward Cooke:—The market has been rather unfavorably influenced by the decillen in price of tin and copper, aithough improvements has veral mines have caused a good deal of business to be done. Having visited the East Lovel and Great Vor districts since my last article appeared, I am in a position to speak me positive with regard to the former mine in particular. For the past I need any nother, and the price of the past of the positive with regard to the former mine in particular. For the past I need any nother, the past of the

30. The changeable nature of this lode induces me to believe it will become equally rich as it ever has been. The shares should now be bought at present low prices.

From Mr. W. Lelean:—The mining market during the week has been limited, and prices generally have a downward tendency; this, no doubt, is caused by the fail in the standard both for copper and tin, and it is to be hoped only of a tesperary character. Great Laxeys have improved to 7%, 8, mine looking well. Although there has been a rise of 40,000. within the last three months, it is considered it will go bigher, and the mine appears to be worth all the money it is selling st. At Great South Citylerton they are forcing on the deep adit with a fail pare of sea, day and night, to intersect the east and west lodes, which are expected to be cut rich the greatest confidence is expressed in the undertaking, and, as a proof, most of the shaw are held in Cornwall by gentlemen for investment. On reference to the reports of Capa. J. Nancarrow, H. J. Hampton, G. Goldsworthy, W. H. Reynolds, and others, no dosk appears to be entertained of its value and richness. A reference to the plan will show the admirable situation of the sett; in fact, it is considered second only to West Cheverton, the adjoining mine, having parallel lodes, cross-courses, and elvans, similar is that great mine. I have, therefore, no hesistation in recommending this property at bone fide and safe investment. I might add there are ample funds in hand to develop the mine. North Minkra is another mine very much neglected. In about the mine. North Minkra is another mine very much neglected. In about the mine, North Minkra is another mine very much neglected. In about the mine, North Minkra is another mine very much neglected. In about the mine, St. 16s. paid, entirely neglected. I, therefore, draw attention to it, as the shares wery low. South Heirobaroot, North Picknix, and Beddorn Universor are not be promise, and ought to be down the repent quoted prices. East Greenville, to share will adva

# FOREIGN MINES.

CAPE COPPER.—March 20: I beg to hand you bill of lading of shipment per Hastings, amounting to about 417 tons. By the reports of Capt. Clemes, now enclosed, you will be glad to perceive that the prospects at Ooklep and Nababep cattene very good, and that the deep levels at the former place are exposing a large stent of good ore ground. Of Spectakel Capt. Clemes appears to have a less favorable opinion, and if his ideas are correct, a long continuance of profitable working from this mine cannot be looked for. Mr. Davis's report on the refuse heaps at Springbok, whith I now enclose, will be read by you with much interest, and you will be glad to know the trial furnace is approaching completion. The cost-sheets for February show that Othiny yielded 200 tons of ore, averaging 23 per cent., whilst Spectakel gave 81 tons, avenu-

ng 29 per cent.
EAST KONGSBERG.—D. T. Macdonald, April 15: South Ramsrud: The vein in this end is looking much better this week; the fahlbaands, however, are sid of the best character,—Middle Ramsrud: The vein in this mine is poor; the fahlbaands however, are sid of the best character,—Middle Ramsrud: There is a vein of calcareous spar and quarta showing itself in the present end; this vein runs with the stratification, and not, as usak across. The fahlbaands are all that can be desired for their size. Ramsrud Miss save been rather poor this week, but the veins and fahlbaands are of the same kindly appearance well. Middle Ramsrud in my coulsing still converge to the same kindly appearance well. pross. The failbands areaul tratean be desired for treer size. Landstudy appearance or take proof this week, but the veins and failbands are of the same kindly appearance yet. Middle Ramsrud, in my opinion, will only give silver by fits and starts; is then it does give it will be in respectable quantities.

LAGUNA.—J. R. Rule, March 8: The vein in the sinking of Laguas and in

shaft continues to produce good azoque ores, of rather an improved appearance, acquantity much the same as for some time past; the ground at particular points is extremely hard, which causes the sinking as well as the produce to be somewhat less. The quantity of ores in stock, preparing for another torta, now amounts to nearly 60 cargis, — March 29: The mine of Laguna continues to look well, and I have recently recived advice that the ore at the shaft sinking extends all its length, and never looked better.

VIOTOR EMANUEL.—A pril 22: Crodo Gold Mine: The men have been employed since we last wrote in clearing 110 metres of the old adit, and have done what is necessary for taking up the surface water. By the beginning of next month we shall be in a position to commence the driving and clearing of the shaft sunk by the old men under the adit, on the rich shoot of gold ore which they have taken away from the slit to the surface; at the same time we shall commence to prove the new discovery, of which we informed you in our last, and which was made 45 fathoms to the east did old shaft, where we find the lode rich in gold, the ore averaging 2 ozs. of gold per ton for a length of 13 fathoms. We intend to sink on the lode at this point, and have every real probability, another rich shoot of ore, having an inclination to the east, which was next worked upon by the old miners. Should this continue in depth, as we fully expet will be the case, we shall be able to raise rich ore even before reaching the bottom of the old workings; we have made for this reason a careful survey of the ground for the even the power is abundant; we propose to put up meanwhile some native mills, which will enable us to prove the value of the ore for gold while we are opening on the lode. Baveno.—The cross-cutting from the new shaft towards the lode is being actively continued. We have made a discovery in the Minera Vecchia by cross-cuttings to the exact the shade and the surface where worth 101, per fam. The lode in the end of the Si metre leve

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APRIL 30, 1864.]

April 1865.

April

the north side, all composed of quartz. In the salit, west of the River Calma, the lode is very disordered.

New WILDBERG.—Z. Walls, April 23: Carter's shaft is 7½ lachters below the 20; the sinking is still continued by nine men. The 20, driving west on the Dorsergang, is being pushed on by six men, but I am sorry to say the lode is unproductive. The 20 cast, on the Erbtelfstergang lode, is also driving by six men, and is producing at present 8 cwts. of silver-lead ore per lachter. The 10, driving west on the Dorsergang lode, is improved since last reported, and is worth at this time 12 cwts. of silver-lead ore per lachter. Michael's shaft is nearly dry, and we hope to resume sinking the same below the 10 in the early part of the week; 16 lachters west from this shaft we are sinking a winze by six men and three boys, which is now 6 lachters below the deep adlt; the lode in the bottom is worth 16 cwts. of silver-lead ore per lachter, saf when completed to the 10, driving west from Michael's shaft, it will ventilate this part of the mine, and I hope to lay open good tribute ground; 70 lachters west from has bove-named winze we are putting downs sink on Beck's main lode, which we hope will be completed to the 10 in three months from this date. We shall then be able to work on the ore ground standing in the bottom of the said 10 lachter level. The drivage eat and west on Beck's north lode, at the 10, is tide for want of men; the lode at this point is upproductive.

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is above-named wince we are putting downs sink on Beck's main lode, which we hope will be completed to the 10 in three months from this date. We shall then be able to wirk on the ore ground standing in the bottom of the said 10 lachter level. The drivage set and west on Beck's north lode, at the 10, is fulle for want of mer; the lode at this platis suproductive.

San Roquiz.—Capt. C. Reinfry, in his report for March, says.—The great suprement of the control of the produce of the control of the control of the produce in ore taken into store amounts to 10 tons. My estimate in cost of bargains in leading workings and stopes, and the produce obtainable therefrom, for the month of April is las follows:—Cost, 65,430 reals; produce, 13 tons. The number of miners 150, or (say) 58 men in shaft (including 16 men of suffice-shaft) to sink 33 varas; 25 men in levels and cross-cost to drive 74 varas; 16 men in 16 versions to seek the control of the c

Two mines are now worked in Newfoundland—one of lead and one of this lode.

# Mining Correspondence.

### BRITISH MINES.

BROTOB.—William Hosking, April 28: The lode in the 16 fm, level and, driving west of Prosper enature shall, continues 2 ft. wide, and is carrying a leader 6 in. wide, which is good work for tit. The lode in the shape in the back of this level is without instantion that the proparations for ainhing Prosper castern shaft below the 16, to enable men to commone next week. We are also making preparations to resume sinking Quickbeam engine-shaft, and feet that no time should be lost in gating depth at this proper castern shaft below the 16, to enable the not to common the proper castern shaft below the 16, to enable men to common enact week. We are also making preparations to resume sinking Quickbeam engine-shaft, and feet that no time should be lost in gating depth at this proper castern shaft below the 16, to enable the proper castern shaft below the 16, to enable the proper castern shaft below the 16, to enable the proper castern shaft below the 16, to enable the proper castern shaft below the 16, to enable the 16, to enable

In the cross-cut in East Wheal Rose sett, east from Water's shaft, and the new shaft before this end is down 8/2 fms.

CEFN CILCEN.—C. Hector, April 26: I was here yesterday, and am happy to say that the mine is improving, at least the only operation of any moment—the 80 fathom level, at Suan shaft, driving east to intersect the north lode, called Thistefield lode. The lode in this level has changed from shale and spar to clay and spar, and a little lead. Little has been done during the winter, the rains having nearly stopped all operations. The weather has changed for the better, and we may now expect many months of dry weather, and we shall push on the 80 fathom level with all speed. I have myself great hopes of the Thistefield lode cutting very rich.

CENTRAL GRYLLS.—The agent writes, on the 27th inst., that several pits have been sunk with a view of finding the lode, and the old workings have been discovered, which, from indications, must have been very productive for mineral. A new shaft is being sunk a few feet from the old workings, and the separt thinks it will lead to something good.

being sunk a few feet from the old workings, and the agent thinks it will lead to some-thing good. CHARLOTTE UNITED.—P. Floyd, R. Johns, April 28: The engine-shaft is sun

which, from indications, must have been very productive for mineral. A new shalt is being and a tive feet from the old workings, and the segent thins is in will itself to some the state of the productive of the state of the st

die, and thickly impregnated with copper cre. The lode in the 30 west is 2 ft. wide, producing good stones of lead and copper. No alteration is any other part. The massens are making rapid purgues in building the steam white-house, costant, attand, sic, at Vivian's engine-shaft, but the building for the engine-house for the large (50) pumping-angine has been delayed a few days, in order to get the large stone out of the bottom with the building, by having such materials to work with; these stones being all with the building, by having such materials to work with; these stones being all with the building, by having such materials to work with; these stones being all vivered on the mines daily. The wheel-pit for any and the stones are the rate of the stones of of the sto

EABL CARS DEBAG.

356 tons of copper ors.

EAST CLOGAU (Gold).—K. Roberts, April 26: Saturday last was our setting day.

EAST CLOGAU (Gold).—K. Roberts, April 26: Saturday last was our setting day.

Prices in my next. In No. 2 St. James's level I never saw the auriferous quartz so strong as at present. We have in sight about 3½ fathoms before reaching the first north cross-cut, so I put the men to blast down this very important part of the lode, and then to commence sinking on its course. St. John's cross-cut, driving eastward, is still in the same stratum as last mentioned. No. 1 St. Dewi level; this is also much the same.

north cross-cut, so I put the men to blast down this very important part of the lode, and then to commence sinking on its course. St. John's cross-cut, driving castward, is still in the same stratum as last mentioned. No. I St. Down level; this is also much the same.

EAST DARREN.—April 27: The lode in the 116, east of Taylor's shaft, is from 2 ft. to 3 ft. wide, intermixed with clay-slate, small spots of lead ore, and carbonate of lime, and looking more promising. The lode in the 104, east of Taylor's shaft, is from 2 to 3 ft. wide, composed of clay-slate, carbonate of lime, and small branches of lead. The lode in the stope over this level is 5 ft. wide, producing about 1 ton of lead ore per fm. The lode in the 92, east of Taylor's shaft, is 3 ft. wide, composed of a dark blue clay-slate, carbonate of lime, and an unproductive for lead ore. The lode in the 92, west of south branch, is 2 ft. wide, composed of clay-slate, carbonate of lime, and lead ore, worth about 1½ ton per fm. The lode in the stope over this level is from 5 to 4 ft. wide, producing about 1 ton of lead ore per fathom. The lode in the 80, cast of Taylor's shaft, is from 2 to 3 ft. wide, composed of a dark blue clay-slate, carbonate of lime, and small branches of lead ore—looking promising. The lode in the stope over this level is 8 ft. wide, producing 1½ ton of lead ore per fm. The lode in the stope over this level is 8 ft. wide, producing 1½ ton of lead ore per fm. The lode in the stope over this level is 8 ft. wide, producing 1½ ton of lead ore per fm. The lode in the stope over this level is 8 ft. wide, producing 1½ ton of lead ore per fm. The lode in the 80, east of Taylor's shaft, is 5 feet wide, composed of a dark blue clay-slate, and improved for lead, now producing 1½ ton of lead ore per fm. In the cross-cut, south from the 68, the ground is composed of a dark blue clay-slate, and improved for lead, now producing about 10 cwts. of lead ore per fm. In the cross-cut, south from the 68, the ground is composed of a light killas and beds of

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the season of the case can fat in ki

are now sinking on one of these north lodes, and find it a few feet from serface about 12/6 ft. wide, all goessam, new Yes 12/6 ft. Odgers, W. Bennetts, April 97: The lode in the cagine-shaft, sinking below the 68, is from 1 ft. to 18 in. wide, with producing good atones of ore and tin.— The lode in the 66 east is 18 in. wide, with a good branch of tin on the north side, worth 16/1 per fin. The lode in the 66 east is 18 in. wide, with the 40, producing good ore and tin.— a most promising lode. The lode is the fine when the 18 in. Wide, with a good branch of tin on the north side, worth 16/1 per fin. The lode in the 66 east is 18 in. wide, yielding some good tin. We have loded the new shaft on the rice above the 28, and which has been a speedy job. All the other places are looking maken the same as we leat advised print with the 18 in. We have loded the new shaft on the rice above the 28, and which has been a speedy job. All the other places are looking maken the same are we leat advised pass and 5 fins. In the saft we months. The 29, on the north lode, at the junction, is worth above 1600, per fin., and the new shaft, which has been opened from surface to this level, were crommend yesterady to sink below the 20, in a fine course of tin, worth above 1600, per fan,. and the new shaft which were the produced to the course of th

mell's shaft, since last reported. We have not taken down the lode in Highburrow shaft, but shaft do so in the inter part of the coming week, and will let you know if any impresement takes p age in my next report.

GELAT DEVOK AND BEDFORD.—J. Richards, April 27: The shaftmen are busily sengaged in fixing the pisnager-lift from the 30 to surface, the same will be completed by the end of this week. I am giad to say that very good progress has been made in driving the 50 cross-cut north; during the last two days we have cut through a lode full 3 feet wide, underlying north about 5 feet per fin; this is the same lode as seen in the plat in the 20; the lode is composed of a quantity of mudic, congenial spar, and is letting out a large quantity of water; the ground in the forebreast is very favourable or driving; this level is driven from shaft 8 fms. According to the underlie of the lode in the 28; this end; (the 30) will have to be extended 7 fms. further, previous to intersecting the lode; should the ground continue as it now is, we shall arrive at the same in about four weeks from this time. We have intersected the cross-course in the 20, driving the continuent of the same in t

We have the 100 tone of lead in full, which we shall sample on Thursday. Everything at the mine is zoing on satisfactority. Crase, M. Jenkin, April 23: The lode in Vivian's engine-shaft, sinking below the 57, is 4 ft. wide, composed principally of quartz, and producing occasional stones of copper ore; the ground is spare for sinking. The lode in the 57, driving west of engine-shaft, is 5 ft. wide, worth 37, per fathom. The lode in the 57, driving cast of Jenkin's shaft, is 2 ft. wide, worth 71, per fin. At the 47, east of Jenkin's shaft, we have got through the stope of ground referred to last week, and shall now be enabled to make greater progress in clearing this level eastward. In River shaft, sinking below the 60 fm. level, 4 ft. of the south part of the lode has been carried, which consists of quartz and peach, and producing good stones of copper ore. The lode in the 57, driving west of River shaft, is 6 ft. wide, worth 1 ton of copper ore per fm. In the 50 cross-cut, south of engine-shaft, no change has taken place since our last report. We have completed cutting plat at Rule's shaft at the 40, and commenced clearing the same below. We have also commenced sinking Sleggan's shaft below the 50, on the south part of the lode, which is producing a little copper ore, but not sufficient to value.

copper ore, but not sufficient to value.

GREAT RETALLACK.—W. H. Reynolds, April 27: In No. 5 shaft we have faller in with the lode last ent in the adit level, where it is 18 in. wide, with good lumps or lead ore in it. We are making good progress in driving the adit end, and in sinking

lead ore in it. We are making good progress in driving the adit end, and in sinking No. 6 shaft for ventilation.

GREAT SOUTH CHIVERTON.—J. Nancarrow, J. George, April 21: At Great South Chiverton, yesterday, we set the adit end to drive by four men and four boys; it is to be kept constantly going, night and day; not an hour is to be lost. We now encounter some quarry ground, which is harder, but probably will not last far. They have 25s, per fathom for the month out; we hope afterwards to have it driven for less.

— J. Nancarrow, J. George, April 25: The ground in the adit end is better for driving; we are getting through the quarry ground, and hope now to make good progress, for all the time is occupied in the end, and the driving is pushed on as fast possible. We have sunk 3½ fans, on the north lode (or the one last discovered), it underlies south, the back appears to be split; it yields some good gossan, and we shall soon sink further west. We are also opening on the south lode westward, and shall commence sinking a saw-pit to-morrow, that we may get timber cut on the mine.

GREAT WIEAL BADDERN.—J. Jenkin, April 22: There is no no alteration in the tribute department during the past week. We are still forking slowly, and hope shortly to get the 25 fin. level dry, which will be a great advantage, and unable us to draw up more tinstuff. The grass shaft is progressing satisfactorily. The stamps, engine, and mechinery are working well. We are calcining with all speed for next sagine, and mechinery are working well. We are calcining with all speed for next sagine, and mechinery are working well.—Sex are calcining with all speed for next sage, and the ded in the 140, west of Harvey's engine-shaft, is 2 ft. wide, worth for tin and conner contents.

gine, and machinery are working well. We are calcining with all speed for next sale, GREAT WHEAL BUSY.—J. Edwards, J. Petherick, Wm. Trelease, April 23: The lode in the 140, west of Harvey's engine-shaft, is 2 ft. wide, worth for tin and copper ore 180, per fm.; the lode in this level, citring east of said shaft, has improved during the past week, now worth 101, per fm. for copper and tin. In the rise in back of the 140, against Fielding's shaft, he lode is 2 ft., wide, worth 161, per fathom for tin and copper. No lode taken down in Offord's shaft, for the past week. The lode in the many below the 130, east of Offord's shaft, is 6½ ft. wide, worth 601, per fm. for copper and tin. In the 130, driving east of said shaft, the lode is 4 ft. wide, worth from 151, to 201, per fathom for copper and tin. The lode in the 130, driving west of Fielding's shaft, is worth for copper and tin 251, per fm. The lode in the 110, driving east of Mathew's shaft, is worth for copper and tin 251, per fm. The lode in the 110, driving east of Mathew's shaft, the lode is 8 ft. wide, worth 141, per fathom.

GRYLLS CONSOLS,—W. H. Richards, April 28: We are pushing on the sinking of the new air-shaft on the capel lode, and hope in a few days to get the same communicated with the adit; this will greatly facilitate our operations in this part of the mine. The lode at this point is producing good work for tin. The Bulley lode in the ond driving east, at the 20, is resuming its former size, producing stones of tin, with indications of an improvement. The Jew lode in the winze sinking below the 20 is much the same as last reported on. The Jew branch forms a junction with this lode in the 20, driving west, is about 29 inches wide, and continues to yield good work for tin. We have commenced driving north on the Georgia lode at the 33, which will enable us to lay open all the lode to the north 10 fms. deeper. The surface work is progressing satisfactority.

GRYLLS WHEAL FLORENCE.—Edward Rogers, Edmund Rogers, April 28 - The

gressing satisfactority.

GRYLLS WHEAL FLORENCE.—Edward Rogers, Edmund Rogers, April 28: The engine-shaft is enlarged and timbered to the 19, and is progressing below this point by nine men with all possible dispatch. In the cross-cut driving north, at the adit level, there is no alternation worthy of notice. In the 19 end, driving weat, the lode is 18 in. wide, producing a little tin. At surface the walls of the smith's shop are built, and a quantity of stone on the mine to commence building the engine-house, which will be

commenced in a day or two.

GWYDYR PARK CONSOLS.—Wm. Smyth, April 27: No change to notice in any other part of the mine since I wrote last. The gossan lode is still coming back to its former course, and the ground wet. We will take down the lode in the Gwydyr stopes

xt week. HALLENBEAGLE.—J. Edwards, E. Richards, April 23: The footway is completed

from surface to the deep adit, and shall commence in the coming week to clear a winter for footway below this point. During the past week the water has gone down ? ft. 6 in. The mesons are progressing very satisfactorily with the building of steam whim-house. HARWOOD.—J. Race, April 22: The end of the veit east is worth about 8 cwts. of ore per fathom; not working at present, as I have set the men to put in a hopper in No. 4 rise, to take the work from the drift and stope above, so that we may keep level, drift, and stopes all going together. The stopes I and 2 backward are each worth about I ton of ore per fm. The stopes in the trough low level are up to within a few fathoms of the forehead. We weighed off the ore ready on the 20th—II tons 5 cwts., besides duty ore, and I believo it will all be delivered at Aiston to-day.

HAVAN.—G. Jones, April 25: Carriston Shaft: The I0 west is in a very strong lode, composed of carbonate of lime, gossan, &c., with a little copper and biende, and worth 1¼ ton of lead ore per fathom; it he sed has been much richer than at present since my last report. In the 10 cast the lode is hard, and not so productive as heretofore, worth about 16 cwts, of lead ore per fm.; the level being driven west from No. I winze to communicate with the 10 cast has failen off, now worth from 20 to 25 cwts, of lead ore per fathom. We purpose re-setting the stope west of Carriston shaft, average 18 cwts. of lead ore per fathom. We purpose re-setting the stope west of Carriston shaft, average 18 cwts. of lead ore per fathom and the spread is becoming more favourable for progress and minerals, with strings of carbonate of lime across, which is letting out more water. I hope to report a good discovery in this part of the mine shortly. Our floors are now in good order. The unachinery works well, and I am glad to say the ore yields quite equal to my expectations.

HAWAKOOR.—J. Richards, April 26: No. 3 lode, driving west in the adit level, is

minerals, with strings of carbonate of lime across, which is letting out more water. In hope to report a good discovery in this part of the mine shortly. Our floors are now in good order. The unablinery works well, and I sm glad to say the ore yields quite equal to my expectations.

HAWK MOOR.—J. Richards, April 26: No. 3 lode, driving west in the adit level, is of large size, composed of capel, quarts, and spots of tin ore occasionally. The pitch in bottom of the 25 east is suspended, and the men placed to stope in the back of this level, where the lode is of large size, and worth 3 tons of good quality ore per fathom. The repairs to the headwelf are being got on with as fast as the nature of the work will admit. KELLY BRAY.—G. Rowe, April 27: The character of the lode and strata in the 70, east from engine-shaft, is without any important change since last reported on. The ground in the 60 fm. level cross-cut north is improved for progress and in character, indicating the lode to be no great distance ahead, or a portion thereof. The 40 east, on the north lode, is progressing as fast as the nature of the ground will admit, but the wentilation is defective, and the lode divided by a horse of killas, which is likely-to unite in some short distance further driving, where an improvement may be fairly expected. The lode in the 25, east from western shaft, is looking exceedingly kindly, yielding 1½ ton of ore per fm.—In fact, laying open profubble ground.

LELANT CONSOLS.—J. Williams, April 23: The engine-shaft is sunk 3 fms. below the 75; the lode is 2 ft. 6 in. wide, producing stones of tin, but not regular, and the 75 east is driven 7 fathoms from shaft; the lode is 2 ft. wide, and contains tin throughout of low quality. The 75 west is driven 7 fathoms from shaft; the lode is 2 ft. wide, and tinny. The 65 west is driven 7 fathoms from shaft; the lode, and tinny. The 65 west is driven 7 fathoms from shaft; the lode is 2 ft. wide, and the shaft; the lode is 2 ft. wide, and the shaft, and the lode, behind which there

in the stopes in back of the 42 cast is very large, processing its to 2 cast are yielding per fm. The stopes in bottom of the north part of the lode in the 32 cast are yielding 1½ ton of ore per fathom.

NANGILES.—J. Kowe, April 26: The engine-shaft is sunk 6 fms. 4 ft. below the 96; the lode was taken down this morning; it is of the same value as last reported—75£, per fathom for 15 ft. long, and looking very favourable for continuing. The stopes over the 96, west of engine-shaft, are improved to 14ℓ, per fathom. The stopes east of shaft are worth 20ℓ, per fm. The 96, west of shaft, is driving on the south part, which is poor; ground favourable for driving. The inlode at the 56 fm. level, east of engine-shaft; a worth 35ℓ, per fathom.

NANTEOS.—R. Williams, April 27: The progress here since the date of my last has been fair, and the prospects have undergone no material change since that time. The lode in the shaft is firm and strong, and some good stones of ore are being produced; the same may be said of the adit end east, the only difference being more blende in the adit than the shaft. I am hoping to see an improvement in the lode as we advance east.

NANT-Y-IAGO,—Jas. Roach, April 25: The lode in the 30 cast is 2½ ft. wide, and consists of country rock, carbonate of lime, a few hundred weights of lead, and about 1 con of blende per fathom; in the same level weat the lode is 7 ft. wide, chiefly compact carbonate of lime, with strings of lead and blende—very spare for driving; we think the lode is porous just before, inasmuch as we can hear water percolating fast. There is no alteration in any other bargain throughout the mine since last reported. The lead will be delivered at Holy well this week, and we have from 50 to 60 tons of very good blende, that you can sell when you think proper.

of blende per fathom; in the same level west the lode is 7 ft. wide, chiefly compact carbonate of lime, with strings of lead and blende—very spare for driving; we think the lode is porous just before, inasmuch as we can hear water percolating fast. There is no alteration in any other bargain throughout the mine since last reported. The lead will be delivered at Holywell this week, and we have from 50 to 60 tons of very good blende, that you can sell when you think proper.

NETHER HEARTH.—W. Vipond, April 23: The level in the crass vein driving to Montebello shaft continues with Hittle change. In driving east on the east and west vein Montebello shaft. The east and west vein is thrown by this lutersection, and we are now trying to find it again. The mineral and other indications are such as have always accompanied good mines in this sett. It have two new men coming on Monday, and shall set them to open upon a vein in whole ground, which can be easily worked from our level if found of value.

NEW BIRCH TOR AND VITIFER CONSOLS.—W. Skewis, R. Trevartha, John Symons, April 27: The lode in the 48, west of Hambley's shaft, is about 6 in. wide, yielding stamping work. The lode in the 34 nas we, and good of the state of the state

lodge in bottom of the 60, if anything better than that standing in bottom of the shaft; it will take the moath out to put in penthouse and finish the lodge read 60 to be fairly started out, and the engine-shaft under way for a new level. Pled yesterday 15 tons of ore, for sale on 3d May.

NORTH MINERA.—J. Dunkin, April 37: The ground at the eastern shaft tiness in good limestone, very congenial for producing lead ore, but very sinking; the branch in the western end of the shaft is I foot wide, producing copper, lead ore, and blende, a very kindly branch. In the 25, driving west of a north of said shaft, the lode is still disordered by the shale, but is producing stones of lead ore. In the winze slaking in the 15, west of said shaft, we are sing on the side of the main joint; this Joint is holding down in ground very far whether the producing lend ore.

ing on measure of the main joint; this joint is bioling down in ground very mine, for producing in the Judy.—He will, stacked, April 29. We resumed single to the hash, to dow the 15 ms, level; after fluid or the drawing lift of pumps, issues, and shaft, to down the lift in the product of th

the sp. west of interfort's, has very graded improved since our last report, then worth 41, per fm., and now worth 30, per fm. The lode in the 74, west of Phillips's, isstillmant and now worth 30, per fm. The lode in the 74, west of Phillips's, isstillmant and now worth 30, per fm. The lode in the 74, west of the particulars of the string of Physics of the same of the bargains set are as follows: —The 80, to drive west of the same of the bargains set are as follows: —The 80, to drive west of the same shaft, by four men, at 81, 10s, per fm. The 70, west of the cross-cours, to drive by four men, at 81, per fm. The ross-cut south in this level by four men, at 81, per fm. A winze to sink below the 70, east of said shaft, by two men, at 51, per fm. The sto, to drive west of the cross-cours, by two men, at 51, per fm. The sto, to drive west of the cross-cours and the store of the cros

In all, we have not tribute pitches in work, by 15 men. We have about 25 tons of ore resed on the floors.

SORTRIDGE CONSOLS.—J. Richards. April 28: In White's cross-cut north, at the 50 cast, the ground is fawourable, and good progress is being made. In the 50, west of the ventilating shaft, and west of the large cross-course, the lode is large (5 ft. wide), consisting of quartz, capel, and mundle, the latter predominating, with a little ore of good quality. In the 50, east of Hitchine's shaft, west of Mayne's cross-cut, on No. 2 south lode, the ground is much disordered, and the lode is small and unproductive. In Bowe's winze sinking below the 50, west of Mayne's cross-cut, on No. 2 south lode, the lode is worth 1 ton of rich ore per fathour. In the 40, west of williams's cross-cut, on che south part of the main lode, the lode is 2 feet wide, composed of cappel, mandid, and ore—saving work. In Gilbert's cross-cut north, at the 40 cast, the ground continues favourable for driving.

and ore—saving work. In Universe treaseur morth, at the 'quest, the ground continues favorable for driving.

SOUTH CARADON WHEAL HOOPER.—W. C. Cock, April 23: The lode towards the bottom of the end in the 90 west is looking a little better this week; in the upper part of the end it is very small; it contains a little copper ore. The 62 fm. level west is without change.

mont change. UTH CRENVER.—E. Chegwin, April 26: We are still clearing the adit from the

solution of the end in the 90 west is looking a little better this week; in the upper part of end it is very small; it contains a little copper ore. The 62 fun. level west in one change.

SOUTH CHENNER.—E. Chegwin, April 26: We are still clearing the adit from the decret shaft, and hope to complete littlis week, and have commenced to drive on the lode. SOUTH DAIKEN.—J. Boundy, April 36: In the different points of operation throughest the mine there has been no lode taken down except in the 30 end west, where the lode in the present fortereast is 3 feet wide, and worth at present for lead and copper 12t. part fin., and showing indications of further improvement shortly.

SOUTH DOLCOATH.—Wm. Roberts, April 27: In the 70 fm. level cross-cut north the ground has been harder than usual, but it appears to be improving again. In the 26 east, on the caunter, the lode is 2 fm. wide, chiefly spar, spotted with grey ore; if the ground should get a little casier I believe the lode would soon improve for ore; the same level driving west is not through the cross-course. In the 24 west the lode is small. The tribute pitches in the back of the 36 are looking tolerably well.

SOUTH EXMOUTH.—J. P. Nicholls, G. Maunder, April 27: The ground in the 75 cross-cut is cased, and the water very much abated; we, therefore, hope to make greater progress. We have passed through several branches of the east lode, but are of opinion we have a part of this lode still before the end. The west lode in the 60 north is about 3 ft. wide, consisting chiefly of barytes and quartz, yielding occasional stones of lead, and has a very kindly appearance. The same lode in the 60 south is larger than the width of end, composed chiefly of goasma and barytes. The lode in the 73 mt. of the lode, and has reached the regular country; we have, therefore, supended the driving it, and have put the men from here to drive south in the same level on the eat lode, which consists of a beautiful gossan, yielding occasional stones of red. The south experience of the lod

od working position, and any amount of quartz can be obtained and conveyed through obeep adit, where we have a trammond and everything necessary to facilitate operations. ST. DAY UNITED.—E. Ralph, J. Cock, J. Gilbert, April 23: In Ople's shaft, sinkt below the 184, the lode is 6 ft. wide, worth 551. per fathom. The 184, east of Ople's, not looking quite so well; we hope, however, shortly to be able to speak more favourly of this level. The 184, west of Billing's, is worth 151, per fan. In the 160, west of Billing's, the lode has improved, now worth fully 121, per fan. We are cross-cutting at 174, north of Billing's, to intersect the north part of the lode. Richard's shaft, west to 174, north of Billing's, to intersect the north part of the lode. Richard's shaft, west blasse Pool, is producing 2½ tons of ore per fan. The 130, west of Trussell's, is worth 104, per fathom. The 20, west of Williams's shaft, at East Wheal Maid, is worth 104, fathom. The stopes in the back of this lovel are worth fully 81, per fan. stopning the shaft of the stope in the back of this lovel are worth fully 81, per fan.; stoping

fm. level t has been lode, the imunicate the lode in y for driv-

Tole 1000 in the 134 sear is worth 44, per fm. for copper ore. There has been no lode taken down in the 134, west of the engine-anisat, for the week; we are driving on the case that the 100 sear of the 100

fair quantities of ore.

WEST BASSET.—W. Roberts, April 27: I cannot speak of any improvement in the tutwork bargains since last reported. We have sampled this morning (computed) 358 tons of, I believe, good quality ores.

WEST BEAM.—William Hosking, April 28: No lode has been taken down in either of the 76 fm. level ends, driving east and west of Parry's shaft, during the past week; when last broken, the lode in the western end had gained a regular appearance, and produced asving work. In the castern end the lode, though not quite so large as before, produced asving work. In the castern end the lode, though not quite so large as before, produced asving work in the castern end to describe the contribution of the lode as early as possible have placed eight men in the end to work six hours' cores. The men [cross-cutting north in the 55, on the North Beam lode, have intersected the north part about 18 in. wide, of a very beautiful appearance, and carrying a little tin, and by continuing the cross-cut a few feet further north, we have this day intersected a new lode, underlying south; so far as seen it is 9 in. wide, and is giving very rich work for tin, but as we have only just cut through it, I shall for a few days be unable to give you its value; it is, however, a most important discovery, as it is standing whole from this point to surface, and if it continues as rich as at present, it will considerably add to the value of our properly. The pitches in the back of this level, east and west of the cross-cut on the North Beam lode, in the 45, is still being driven through very congenial strats, and from the appearances of the lode in the pitches in the 55 we were first the continuent of the continuent of the pitches in the same lode, in the 46, is well be a continuent to the first through very congenial strats, and from the appearances of the lode in the pitches in the 65 we were faile expecting to que it is proved.

of Blace Pool, is predicting 2½, one of ore per m. The 130 west of Trussell's, is worth of the per seat of Williams's shaft, at East When Mald, is worth 101, per fathom. The 21-year of Williams's shaft, at East When Mald, is worth 102, per fathom. The stopes in the back of this level are worth fully 81, per fath, a stoping at 43s, per fathom. The stopes in the back of this level are worth fully 81, per fathor, and state of Cornishs', on Garby's lode, is at present unproductive, but from appearances we have every reason to expect an early improvement in this level. The stopes and pitches throughout the mines are looking very we'll.

ST. IVES WHEAL ALLEN,—J. Nancarrow, J. Bryant, April 27: The lode where we have commenced sinking, below the 10 east, is worth 41, per fan. The winse below the 10 west is without attention. The 29 west looks more promising than last week. The 20 east is worth 42, per fath. The 20 east is worth 43, per fam. The ends at Eichards's are poor.

But 10 west is without attention. The 29 west looks more promising than last week. The 20 east is worth 44, per fam. The ends at Eichards's are poor. The 20 east is worth 44, per fam. The ends at Eichards's are poor. The 20 east is worth 44, per fam. The ends at Eichards's are poor. The 20 east is worth 44, per fam. The ends at Eichards's are poor. The 20 east is worth 45, per fath. The 20 east is worth 45, per fath. The 20 east is being driving west on considerable produce, and of very promising appearances we have ear driving south, in search of the south part of the 20 east is being driven through the considerable produce, and of the south part of the 20 east in the 40 east, on Brothers lode; it continued very good 8 fathoms long, are fully expecting to east this point. We have distingt that late the 10 west is without attention. The 20 east late of the 10 east, in the 40 fathoms driving. We have commenced a fath of the 20 east late of the 20 east

alteration worthy of remark in any other place of operation, having about 160 tons of copper ore, which I shall submit for tender one day in the early part of next week.

WEST WHEAL TOLGUS.—April 27: Taylor's sumpness are making pretty good poogress in sinking Taylor's engine-shaft below the 65; the flookan part of the lode is 2 ft. wide, intermixed with mandic, and is producing occasional stones of ore. In the 65, west of Taylor's engine-shaft, the lode is 20 in. wide, consisting chiefly of flookan and soft spar. The lode in the 59, west of Taylor's engine-shaft, is 20 in. wide, producing occasional stones of ore. We have three stopes over the back of the 65, working by 18 msn; two of the stopes are yielding 2 tons of ore per fathom each, and one yielding 3 tons of ore per fathom control to the 5th lode is from 3 to 4 ft. wide, looking better than we have seen it before, now yielding faily 3 tons of ore per per fm.

of ep fr in.

WEST WHEAL TREVELYAN.—J. Harris, April 23: There has been no change in

WEST WHEAL TREVELYAN.—J. The men are making very good progress in

any part of the mine since my last report. The men are making very good progress in their driving.

WEST WHEAL VOR.—J. Southey, April 28: Metal Lode: The shaft sinking on the south part of this lode is down about 6 fathoms, and the ground is getting harder for sinking. The north part of the lode has been sunk on about 3 fathoms, and the lode altogether is about 8 to 10 ft. wide, underlying north. The costeaning is being continued 30 fathoms east of the shaft, on the same run, where the indications are much the same, and altogether the lode has a most promising appearance.—Carnmeal Lode: My opinion is, we cannot do better than put the engine on this lode, as it presents a most promising appearance, and being nearly in the centre of the sett, all the north and south lodes can be worked by fint-rods from the engine. The masons are at work building smiths' shop, &c., and I only await the instructions necessary to commence building the engine-house. I hope the 50-inch engine, contracted for with Messrs. Harvey and Co., will be ready in about two months or so, as we shall try to have the house ready for it by that time.

the north and south todes can be worked by flat-rods from the entire of the sett, all the north and south todes can be worked by flat-rods from the entire of the sett, all the north and south the north of the north and the nor

on Friday, the 29th inst., about 120 tons of copper fore.
WHEAL CROFTY.—H. Skewis, April 28: The lode in the 70 is improving in appearance and size, and contains more ore than at my last report. The 55 is without alteration. The 24, west of Square's shaft, is larger, and more orey. No alteration in any other part of the mine.

WHEAL CURITS.—H. Skewis, April 28: The ground at the engine-shaft is better for sinking. The ground is also better for driving in the cross-cut; south it is much the same. The water is down 3 fathoms, in the old mine, below the adit level.—Dumpling Lode: There are four stopes, worth about 27, per fm. for copper ore. The bob-pit, at Square's shaft, will be completed this week; it he bob is made, and ready togo in. The balance-bob at the engine-shaft will go in to-morrow. The angle-bob is completed, as we hope by the end of next week the rods will working, and commence sinking Square's shaft with all possible speed on the course of the lode.

WHEAL EDWARD.—G. Rowe, April 20: There is nothing particularly new to report at the 105 west. The 22 west is looking exceedingly kindly; the lode is improving in size, and worth 127, per fm. The lode in the winze sinking below the 81 is not quite so large as last reported. The new south lode, in the 50 west, is 18 in. wide, producing good stones of ore. The lode in the rise in back of the 50 east. The lode in the 61 west is not quite so large as last reported. The new south lode, in the 50 west, is 18 in. wide, producing good stones of ore. The lode in the rise in back of the 50 east is 4 ft. wide, worth 87. per fm.

WHEAL GIENVILLE.—G. R. Odgers, W. Bennetts, April 23: We are making good apeed with the 120 towards the new tin lode, and we are only about 4 fathoms behind it. We have cut into the lode in the 110 west 4 ft., and we have no wall. Judging from the 100, immediately over, we think the north or main part is still before us; the main or leader part, which we have already laid open, is 2½ ft. wide, and yields good work for tin, worth from 16 to

west the lode is 4 ft. wide, warth 3t. per tathom. In the winze-level the lode is worth 4t. per fathom.—North Lode: In the 1 the whim-shaft, the lode is 2 ft. wide, worth 4t. per fathom.—G cutting east, in the 30, we have cut the lode, which is 3 ft. w In the stope in the back of the 23 the lode is worth 20t, per fathor WHEAL HARRIETT.—S. Williams, April 23: In the 130 cs daily expecting to effect a communication. The lode in the 115 tive, and 1 have put the men to drive west on the north part of ducing stones of copper ore. The lode in the stope west from w worth for tin 10t, per fathom. The north part of the lode in th

tive, and I have put the men to drive west on the north part of the lode, which is producing stones of copper ore. The lode in the stope west from winze, below the 100, is worth for tin 101, per fathom. The north part of the lode in the stope, below the 100, is worth for tin 101, per fathom. The north part of the lode in the stope, below the 100, is worth for tin 101, per fm. Alexander's lode, in the 24 east end, is unproductive. The lode in the 24 west end is 1 ft. wide, producing stones of copper ore. The lode in the adit east end is producing stones of ore. The north lode, in the adit end, is producing stones of ore. The north lode, in the adit end, is producing stones of ore. The north lode, in the adit end, is producing rich stones end of ore, but not to value. The south cross-course on a lode 20 fms. south of the main lode, which is 4 in. wide, producing lack, with a small portion of copper ore.

WHEAL HOPE.—W. H. Reynolds, April 27: In the 48 west, on the south lode, we have noted to the winze below the 38, where we shall now be able to set two other pitches; the lode in the end is yielding good leady work. In the 88 west, on the south part of the lode, we have now driven 5 fathoms, varying in value for this distance from about 91. up to 201, per fathoms for lead. On the north part of the lode, in this level, we have driven through several fathoms of ground of similar value, and the present end is nearly under a bunch of lead gone down below the 48 fm. level. In the cross-cut south, in the 65, we have cut a large elvan course, which is letting out a quantity of water, and draining other parts. The lode in the 75 west is cut into about 12 feet, the north part yielding some good leady work, and the ground is softer for driving; this level will very soon drain the level above, when we shall be able to sink a winze through the lead ground, and lay open more pitches. The lode in the 104 end is worth 51, per fm. The lode in the 104 end is worth 41, per fm.—down level ends, east of Wickett's shaft, is worth 32,

to reach it in a few feet further driving. In the \$2 fm. level cross-cut, driving south of this shaft, we have intersected a lode or branch, and have commenced to open west on its course; it being still within the influence of the cross-cours, we are unable to give you any estimate of its size or value.—Holgate's Shaft, Caunter Lode: The lode in the winze sinking below the 65, west of this shaft, is worth for tin 20, per fm.—New Shaft, Pryor's Lode: In the 63, driving east of this shaft, is worth for tin 20, per fm.—New Shaft, Pryor's Lode: In the 63, driving east of this shaft, the lode is worth for tin 81, per fm.; and in ditto, driving west, 101, per fm. In the 64, driving east of this shaft, the lode is worth for tin 17. per fm.; and in this level, driving west, 101, per fm. In the 44, driving east of this shaft, the lode is worth 101, per fm. In the 44, driving east of this shaft, the lode is worth 101, per fm. In and in the winze sinking below the ditto 71, per fm. This level west contributed to the contribute of the shaft is worth for tin 181, per fm. In the 24, driving east of this shaft, its worth 101, per fm.; and in the lones without change since last report.

WHEAL MARGERY.—R. James, W. Rogers, April 28: The tribute setting came of m Tuesday, and was quite equal to the one previous, and blofs fair for similar results. We sampled this week, computed, 380 tons of copper ores. This is the largest since the mine has been working.

WHEAL NORRIS.—J. Andrews, April 23: There is no change in the 52 end, driving east of Cremorne engine-shaft, since last report. Carter's shaft is sunk 10 fms. 3 ft. below the 35: we purpose to square the shaft down to that depth, then commence to cut plat in the 45. The lode in the 35 end, driving east of Carter's shaft, is without change. The tributers are getting on very well with breaking stuff for the stamps. We commenced pumpling water to surface on Tuesday evening, since then stamping and driving have been continued without interruption. The since the manner of the stamp

with Bave been continued without interruption.

WHEAL PAR.—Captain Heard, April 27: Jenkins's lode, in the 10, east of Water's whim-shaft, has improved since last report, worth 10t, per fin. All other points are without change.

WHEAL POLLARD.—W. C. Cock, April 23: The lode in the engine-shaft has still a very promising appearance; it is now from 2½ to 3 ft. wide, consisting of peach of a reautiful description. I find that the peach is becoming impregnated with mundic, which was not the case when I sent you my report for the meeting: I regard this as another very encouraging feature in the character of the lode. In the north side of the shaft there are indications of blue granite that will close upon the lode in about 2 or 3 fms. deeper; if this takes blace I have no doubt we shall soon meet with copper ore; the lode never before looked so promising.

WHEAL BPARNON.—W. Tregay, E. Chegwin, April 23: The shaftmen are making good progress in casing up the shaft. The masons are getting on well with building the engine-house, and all the other work is proceeding satisfactorily.

WHEAL UNITY CONSOLS.—W. H. Reynolds, April 27: The lode at the 60 west has gene off on the north side of the level, and at present we have only a branch of it in the end; at the point to which the lode is stripped down we broke some good atones of opper one. We have driven a cross-cut south at this level 3 fms., from which there is a large stream of water flowing, and spots of copper in a branch of spar crossing the end. We have not yet cut the cross-course in the 40 west, but we must be very near it.

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YUDANAMUTANA MINING COMPANY.—A special meeting of the directors was held at the beginning of the week, for the purpose of considering the proposition of Mr. Henry Martin to purchase the Blimman Mine for 100,000l., to which we alluded in our last publication. The board, we hear, was unanimous in declining the offer made, and in regarding the terms as not at all commensurate with the quantity of ore raised and in sight—one, in fact, which they would not be justified in laying before the shareholders for consideration. An amended tender has, consequently, been submitted by the same gentleman; he increases it by 35,000l., and now offers 135,000l., which is equivalent to the entire capital of the undertaking; so that if the directors recommend, and the shareholders accept, the proposition the company will be in a position to return, in cash, the whole amount represented by the shares, and yet retain all the other sections of this remarkable mineral property, with the plant and stock thereon, which would be a clear bonus to the company, either for sale to other associations or individuals, or to be continued to be worked for the benefit of the present proprietors, without the risk of a plant and stock thereon, which would be a clear bonns to the company, either for sale to other associations or individuals, or to be continued to be worked for the benefit of the present proprietors, without the risk of a shilling on their part. When we alluded in last week's Journal to the offer of 100,000,, we stated that if accepted it would leave only 35,000, on which dividends would be devisable, and very moderate produce indeed would be sufficient to furnish remunerative profits; but as this sum of 35,000, is now included in the proposition, and so would wipe off the whole capital, it does become a question of great import. We believe there is no instance in which a sum equal to the capital of a company has been offered for a section of the property; and considering, moreover, that the Yudanamutana Mine has not been two years in operation, it is, indeed, most remarkable, testifying very accurately as to the extraordinary value of the prosessions of this project. In the face of such a proposal as this, and from a gentleman, moreover, who is well acquainted with the property, how truly futile are shown to be all the recent attempts to invalidate the Yudanamutana Mine in the estimation of the shareholders and the public, and how transparent it makes the motives of the several anonymous writers, and others, who professed to be actuated solely by philanthropy, and a desire to set forth nothing but the truth.

EAST WHEAL LOVELL.—Mr. Henry Rogers, the purser, under date April 27, writes—Capt. Charles Thomas having yesterday inspected this mine, I have great pleasure in sending you copy of his report. In reply, also, to numerous enquiries, I may add that we shall be in a position at our next meeting to give an increased dividend:—

"Kilevoes, Camborne, April 28.—I am pleased to find that my expectations, as expressed in my report of Jan. 22 last, have been more than realised. The shaft on the north lode is sunk 9½ fms. below the 26, where the lode down to the deepest point retains all its former strength and width, with increased productiveness. I now estimate the value of the lode at the shaft at 60, per fm., or, for 12 f. In length, at 1204. per fm. in depth. The eastern end of the shaft is of the same value; the western end good tin ground, both of which are reserves for being worked when the next level (the 36) to gonesd, which will be commenced driving in about two months. This shaft is opened from surface to the 20; there are some 8 or 9 fms. more to open to form the shaft complete for draining and drawing the ores direct to the 36. The lode being stoped near, the shaft, in back and bottom of the 20, is worth on an average 1904. per fm.; this is just on the junction of a part still further north with the north lode. At this junction the lode will, probably, be found of more than ordinary value in depth.—At the South Lode wings is sunk 9 ft. below the 20, where the lode is 4½ ft. wide, worth for 9 ft. in length 754, per fm., or 504. per fm. of lode. I would beg to suggest the propriety of driving the winner is sunk 9 ft. below the 20, where the lode is 4½ ft. wide, worth for 9 ft. in length 754, per fm., or 504. per fm. of lode. I would beg to suggest the propriety of driving the winner is sunk 9 ft. below the 20 on the whole, the mine presents much greater indications of durability, of good productiveness, and profits than at the time of my last visit."

Lead Mining in North Devon.—An important discovery has been made at the Coombe Valley Consols Lead and Silver Mine. It has just been ascertained that the 20 fm. level, which was driven when the mine was originally opened, forty years ago, is not on the lode at all, but on some parallel branches. The real lode has just been intersected in the 20, or bottom level, where it produces several cwts. of silver-lead ore per fathom—a beautiful-looking level, where it produces several cwts. of silver-lead ore per fathom—a beautiful-looking level, from which great things are expected at the present depth, but more especially at deeper levels. The Coombe Valley Consols are situated at the base of a range of hills a few miles to the south of the celebrated Coombe Martyn Mine, whose wast returns of silver-lead ore during many centuries is matter of historical record. The mine has hitherto been wrought as a private adventure, and the present proprietors have expended some thousands on the undertaking in clearing up the old mine, driving levels, the erection of machinery, which comprises a small steam-engine, a water-wheel, and the necessary pitwork and plant. In such quantities, however, does the water issue from the mine, that the present engine is to the extent of its power; and in order to the further procention of the works in depth, it is absoluteley necessary that a steam-engine of much larger dimensions be placed thereon, which promises soon to rival the ancient Coombe Martyn Mine in productiveness. The present proprietors contemplate enlarging the resources of the company by the introduction of fresh capital into the concern, of which the public will receive due notice in the Mining Journal. The engine at present on the works will be disposed of to make way for a colossal steam-engine that shall be fully equal to the requirements of a deep mine. British capital, which is being so lavishly squandered in worthless foreign schemere, may in this district he now expended with every moral probability of a successful issue.

THE TIN STANDARD .- The tin standard was again reduced on Friday per cett, all round, making the standards as follow:—Common, , 101s; fine, 103s.; superior fine, 105s. No further official red in announced, but it may be had much under fixed rates, the mangly dull.—West Briton.

Two extensive concerns have just been transferred from the hands of trusts firms to those of joint-stock companies, by Messrs. Chadwick, Adamson, M'Kennand Co., financial agents, of London and Manchester—namely, the extensive iron and mour-plate works of Messrs. Beale and Co., known as the Park-gate Works; at Massrough, Yorkshire, with a subscribed capital of 300,000f.; and the Patent Nut and Boll Yorks of Watkins and Keen, of Birmingham, with a subscribed capital of 200,000f.

SOAPSTONE STOVES are all the rage in Quebec. They are said to be

With next week's Journal we shall give a SUPPLEMENTAL SHEET, which will enable us to publish various letters, papers, and miscellaneous articles, the insertion of which has been unavoidably postponed. The Quarterly Returns of Copper, Lead, and Tin will also then appear.

# The Mining Market; Prices of Metals, Gres, &c.

METAL MARKET-LONDON, APRIL 29, 1864. BRASS. tselected...., 98 0 0gh cake..., 98 0 0rra Burra ..., 100 0 0pper wire ..., 101 1 01/4years 100 0 0por wire ..., 10 1 0 1/4years 100 0 0-Copper wire .....p. lb. 0 1 0 dittotubes ..... , 0 1 1 Sheathing & bolts p.ton 105 0 Bottoms ..... , 11 0 Old (Exchange) ... , 91 0 Old (Exchange)..., 91 0 0
IRON. Per Ton.

Bars Welsh, in London... 8 10 0- 9 0 0

Ditto, to arrive..... 91 0 0-10 0 0

" Statiord. in London 10 0 0-11 10 0

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Pig No. 1, in Wales 4 10 0- 12 10 0

Pig No. 1, in Wales 7 15 0-8 5 0

Ditto, railway, in Wales 7 15 0-8 0 0

Ditto, railway, in Wales 7 15 0-8 0 0

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Ditto, forge, f.o.b. ditto. 2 15 0Bailway chairs 5 10 0-5 15 0
, spikes 11 0 0-12 0 0 IC Charcoal, 1st qua, p. bx. 1 IX Ditto 1st quality , 1 IX Ditto 2d quality , 1 IX Ditto 2d quality , 1 IX Ditto 2d quality , 1 IC Coke , 1 IX Ditto , 1 Ditto (WB) ... 23 0 0-2 0 0
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Ditto sheet ... 22 0 0Ditto white ... 26 0 0-27 0 0
Ditto white ... 24 0 0Spanish ... 21 0 0-21 5 0 

REMARKS.—The position of the Metal Market during the past week has in no respect improved, and it still continues to exhibit the same appearance of lifelessness which has been manifested for so long a time. The continued tightness of the Money Market still acts unfavourably upon the continued tightness of the Money Market still acts unhavourably upon the trade; and the obstacles which appear to be thrown in the way of the Conference by the representatives of Prussia and Austria, to prevent an armistice being immediately decided upon, and the fear that a return to peace on the Continent may not be so near as was anticipated, is very prejudicial to the interests of commerce. We trust, however, that the dark cloud which has so long hung over the metal trade may pass away ere long, and that we may again have the satisfaction of recording a return to activity and preservity. We, however, fear that the amount of money required for

. At the works, 1s. to 1s. 6d. per box iess.

which has so long hung over the metal trade may pass away ere long, and that we may again have the satisfaction of recording a return to activity and prosperity. We, however, fear that the amount of money required for the various schemes now afloat is withdrawing capital from the more regular course of trade, and that in the event of the continuance of the same, a serious injury will be done to the commerce of the country.

COPPER.—No great improvement has taken place in the demand for this metal, which may still be bought at about 3t. under fixed rates, although at this reduction there is rather more enquiry. The standard of copper ores has slightly advanced, from 15s. to 20s.

IRON.—In Staffordshire the orders for manufactured continue rather small, and local buyers are able to place specifications about 10s. under list prices; most of the leading houses, however, are busy, and have orders on their books for some time to come. The spring demand for the Baltic and North Sea ports has been almost entirely suspended until the last week, when, in anticipation, apparently, that peace will be the result of the Conference, good orders have been sent. The American demand remains very good, but the merchants generally are ordering sparingly. In Welsh the usual activity is evinced, and makers, as a rule, are well supplied with orders. In the Leeds and Bradford iron district, in consequence of a dispute with their employers, from 4000 to 5000 men have left their work and seven large ironworks have closed their furnaces; this has arisen from the men having given notice for an advance in wages, which has been reand seven large ironworks have closed their furnaces; this has arisen from the men having given notice for an advance in wages, which has been refused, and in turn the employers have required the men to sign a declaration, which they will not do; and the consequence is they have left their work: how the matter will end cannot at pressent be ascertained, but it appears an arbitrary proceeding on the part of the masters to enforce the signing of this declaration on the men. Swedish iron is, if anything, rather firmer in price. In Scotch pig-iron a still further improvement has taken place during the week. At the commencement of the week transactions took place at 59s. 9d., cash, and 61s. 4½d., three months; and on the following day prices rose to 60s., cash, 60s. 7½d., one month, and 61s. 6d., three months; but before the close of the day the market assumed an easier appearance, and the next day the quotations were 59s. 10½d. to 60s., cash, and 60s. 41d. one month. ous, three months; but before the close of the day the market assumed an easier appearance, and the next day the quotations were 59s. 10½d. to 60s., cash, and 60s. 4½d., one month, rather sellers. The last advices from Glasgow state that the market had been very quiet, with a moderate business in warrants, at 59s. 9d. to 59s. 10½d., prompt cash; closing, sellers, at 59s. 9d., cash.

at 59s. 9d., cash.

LEAD is at present rather quiet, but prices are maintained at 21l. 15s. for common English pig, 22l. for LB, and 23l. for WB.

Tin continues in very limited demand, and prices remain nearly the same as last quoted. In Holland, Banca-has still further declined in price, 1400 slabs being sold at 68 fls., and 1800 slabs at 67½ fls. English may be bought at 4l. to 5l. under fixed rates.

Spelter.—The market for this metal has become slightly firmer, and transactions on the spot have taken place at 21l., and for June or July delivery, at 21l. 5s.; business, however, continues very limited.

Statistics on the spot have taken place at 21c., and for June or a livery, at 21c. 5s.; business, however, continues very limited.

Steel without any alteration.

Tin-Plates are in moderate request, coke being a little firmer.

Quicksilver.—No change has taken place.

The MINING SHARE MARKET has been dull and comparatively inactive this week, though the settlement of the fortnightly account to-day is rather heavy. The shares mostly dealt in have been Grenville, East Lovell, East Caradon, Wheal Seton, Prosper United, Great Wheal Vor, Nangiles, Clifford Amalgamated, Wheal Hope, Wheal Pollard, East Grenville, Grylls Wheal Florence, Hallenbeagle, Great Laxey, Carn Camborne, Bryn Gwiog, and a few other mines. Great Wheal Vor, after being flat at 30 to 31, rose on Thursday, and leave off 35 to 36; a splendid lode has been cut under the slide, at Ivey's shaft, and the 147, east of Ivey's shaft, has also much improved. Bryn Gwiog shares in more request, at 29 to 30. Camborne Vean, 2½ to 3. Carn Camborne shares have been in great demand, and advanced to 25s., 27s. 6d. There are rumours of a good discovery, but we have no official information. Wheal Reeth shares have advanced to 80, 90; a shareholder informed us last week that an improvement had taken place in the mine, but we have no official report, though one since sent to us states it to have been in the 190 east, where the lode is from 4 to 5 ft. wide, worth from 80%. to 90%. per fm. Clifford Amalgamated, 30 to 31; Cook's Kitchen, 19 to 20; East Basset, 65 to 67; East Carn Brea, 6½ to 7. Wheal Grenville shares have been flatter, and, after one or two fluctuations, leave off 10 to 10½. In our last, one or two clerical errors occurred: for instance, it was stated 500% per month would yield a "profit of 3000% a year, or 10s. per share on 10%," whereas it should be a "profit of 6000% a year, which would yield a profit of 10 per cent. on 10%." Again, the lode in the 110 had been cut into worth "20% per fm.," and not "10%." A shareholder in the locality has this week forwarded to us a report of Capt. Pope, of Wheal Basset, dated April 19, in which he says, after a full inspection. "I must say this is one of the best tin mines I have heavy. The shares mostly dealt in have been Grenville, East Lovell, East Again, the lode in the 110 had been cut into worth "200, per im.," and not "100." A shareholder in the locality has this week forwarded to us a report of Capt. Pope, of Wheal Basset, dated April 19, in which he says, after a full inspection, "I must say this is one of the best tin mines I have seen for some time. I have made a rough estimate of the tin discovered at from 18,000\(ldot\) to 20,000\(ldot\), which I consider, if any difference, rather beat from 18,000% to 20,000%, which I consider, if any difference, rather be-low. I see just now shares have a little declined in price, but it is no falling off in the mine, and I have no doubt will advance shortly. For my own part, I would rather buy than sell." This from Capt. Pope, we should think, will tend to do away with the distrust of country shareholders, engendered by the advertisements of the "bears," and which have, no doubt, been the cause of the late fall. Pendeen Consols,  $5\frac{1}{5}$  to  $5\frac{1}{5}$ ; at the meeting the accounts, after crediting tin sold on the 23d and 25th inst, showed a profit of 86l. 17s. 10d. on the two months' working, and a balance in favour of the mine of 42l. 18s. At the last meeting the agent estimated that the profit would be 1000l. on the two months, and it will be remembered, at the same time, that the reports of Capt. Charles Thomas and

Capt. Pascoe, to which we referred in this Article, and in which they stated the mine could not make a profit of more than 200%, per mone, were not only ridiculed and denied in some quarters, but were also very severely commented upon; but the results now shown are far worse that anything those gentlemen asserted, and it appears by the report that one part to which Capt. Pascoe particularly referred, the 118 south, has been part to which Capt. Pascoe particularly referred, the 118 south, has been part to which Capt. Pascoe particularly reason of it having formed as some part to which Capt. Pascoe particularly referred, the 118 south, has "not turned out equal to expectation," by reason of it having formed a splice, and made a poor piece of ground for 6 or 7 ft. in height. The lode is now, however, very much improved, and promises to turn out better for the east stope, being worth in back of the present stope 30l. per fm. In reference to the Great Pendeen lode, the report says—"The 82 north is driven 1 fm; we are still driving between the two lodes; one lode appears to be influenced by the Great Pendeen lode, so that it is still turning in a most wasterly direction and may one 2 or 3 fms before forming a in most westerly direction, and may go on 2 or 3 fms. before formi with each other."

westerly direction, and may go on 2 or 3 ims. before forming a junctice with each other."

East Wheal Grenville, 3\(\frac{3}{2}\) to 3\(\frac{1}{2}\); Great Laxey, 7\(\frac{3}{4}\) to 8\(\frac{1}{2}\); Great Wheal Fortune, 15 to 16; Nangiles, 33 to 3\(\frac{1}{2}\); North Treskerby, 2\(\frac{1}{2}\) to 3\(\frac{1}{2}\); Hallenbeagle, 3\(\frac{1}{2}\) to 3\(\frac{1}{2}\); Prosper United, 5\(\frac{1}{2}\) to 6: Providence Mines, 4\(\frac{1}{2}\) to 4\(\frac{1}{2}\); the lode now worth 20\(\frac{1}{2}\), per fm. in the 65 fm. level, is on the south part of the lode, to which we referred some time past, and which has proved to be the main part of the lode, and will soon be seen in several other levels. Wheal Pollard shares have advance to 10s.; the agent write that the lode in the shaft has now increased to 2\(\frac{1}{2}\) and 3 ft. wide, of a most promising appearance for ore. South Carn Brea, \(\frac{1}{2}\) to 1; at the meeting a call of 1s. 6d. per share was made. The accounts showed costs for January and February, 1312\(\frac{1}{2}\); returns for three months, 439\(\frac{1}{2}\); loss, 873\(\frac{1}{2}\), but the loss in the two ensuing months is not expected to be so much, and the report is rather better. We understand at the meeting some reference was made to our remarks on April 9; and it may be as well for us to state that, in consequence of an enquiry of a correspondent, we had occasion to but the loss in the two ensuing months is not expected to be so much, and the report is rather better. We understand at the meeting some reference was made to our remarks on April 9; and it may be as well for us to state that, in consequence of an enquiry of a correspondent, we had occasion to refer to the offlice of the company; and the statements we made were given to us by the secretary, and afterwards concurred in by members of the committee; and further, we shall have no hesitation in stating, if necessary, the object of the enquiry which gave rise to the statements made. St. Day United, 9½ to 10; Tincroft, 18½ to 19½; West Caradon, 18 to 19. West Seton, 190 to 200; Wheal Basset, 92½ to 95; Wheal Crebor, 43, to 45s. Wheal Kitty (St. Agnes), 6½ to 6½; Wheal Margaret, 17 to 19; Wheal Mary Ann, 11½ to 12½; Wheal Seton, 197½ to 202½; Wheal Trelawny, 23 to 24. At Great Wheal Busy, the 140 west is worth 18L per fm.; the winze below the 130, 50L per fm.; the 130 east, 20L per fm.; the stopes, 35L per fm. Wheal Rose, 53 to 55; at the meeting the account showed a debit balance of 719L 18s. 11d. The report states the 80 east is worth 60L per fm.; the 80 west, 80L per fm.; the 70 east, 15L per fm.; the 70 west has gone through a lode 20 fms. long, varying from 25L to 50L per fm.; the end is worth 25L per fm., and close to Great North Downs boundary. At River shaft, sinking below the 70, the lode is worth 120L per fm.; this shaft is 20 fms. east of Great North Downs boundary; the 60 west is only 2 fms. from Great North Downs boundary, worth 30L per fm.: other points in operation valued at 140L per fm. The mine is, therefore, turning out one of the richest in the district, if not in the county; but its full resources will not be available until the shaft has been communicated to the 80 fm. level. Great North Downs, adjoining, have advanced; a good lode has been cut in the 57. worth from 20L to 25L per fm. The lore, turning out one of the richest in the district, if not in the county; but its full resources will not be available until the shaft has been communicated to the 80 fm. level. Great North Downs, adjoining, have advanced; a good lode has been cut in the 57, worth from 20% to 25% per fm. This discovery is 20 fms. west of Wheal Rose sett, and appears to be the top of a good bunch of ore, and precisely; of the same character as the ore now raising in Wheal Rose. Wheal Grylls, 25 to 27; the Georgia lode has again improved, now worth 5% per fm., and showing good signs of further improvement. Grylls Wheal Florence, 3 to 3½. Great East Lovell, has just been brought out, and quoted at 3 to 3½. Capt. Charles Thomas, of Dolcoath, has reported favourably upon it. East Wheal Vor, 5½ to 5½; the mine has much improved, the three points in operation are worth in the aggregate 95%. per fm.

Wheal Chiverton, 11½ to 12; at the meeting the accounts showed a balance in hand of 700%; the engine-shaft is sunk 48 fms. from surface, being 36 fms. more to sink before reaching the bottom of the mine; the prospects for draining the old mine are more favourable, and the agents are sanguine as to having a profitable mine. Wentworth Consols, 16 to 17; the lode continues to produce good stones of lead of a most promising character. Mineral Bottom, 6½ to 7½; an engine has been purchased for this mine, and active operations commenced. West Chiverton, 75 to 80; at the meeting a dividend of 15s. per share was declared, adding upwards 15 100% to the balance in hand making it 4000%; the the process of the meeting a dividend of 15s. per share was declared, adding upwards 15 100% to the balance in hand making it 4000%; the the process of the process of

character. Mineral Bottom, 6½ to 7½; an engine has been purenased for this mine, and active operations commenced. West Chiverton, 75 to 80; at the meeting a dividend of 15s. per share was declared, adding upwards of 1000/t to the balance in hand, making it 4000/t; the report is of the most favourable description; the 80 west, on Williams's lode, is worth 70/t per fathom; the 80 west, on Valpy's lode, 100/t per fathom. East Lovell in good demand, and advanced to 19½ to 20½. East Rosewarne, 2½ to 3.

On the Stock Exchange transactions in Mining Shares have been upon a very limited scale during the week. The following quotations were officially recorded in British Mining Shares:—Great Wheal Vor., 33, 35<sub>1</sub>, 35; Grenville, 10½, 10½; South Caradon, 450; Devon Great Consols, 554; East Basset, 66½, 66, 67½; North Downs, 2½. In Colonial Mining Shares the prices were—Cape, 12½, 12½, 12½, 12½, 12½, 13; Yudanamutana, 3, 3½, 2½, 3, 3½; Worthing, ½. In Foreign Mining Shares the prices were—Cobre, 33½, 34, 34½; Don Pedro, ½, ½; Fortuna, 4, 4½; St. John del Rey, 47, 47½, 48; Anglo Brazilian, ½, ½; United Mexican, 6½, 6½; Copiapo, 5½, 6; Montes Aureos Brazilian Gold, 2½.

IRISH MINE SHARE MARKET.—For several days past the market for miscellaneous, steam, and mining securities has been greatly neglected, although enquiries, particularly respecting shares in mines, were numerous both on the part of buyers and sellers, the former offering to purchase at both on the part of buyers and sellers, the former offering to purchase at slight reductions on previous rates, and the latter to sell at last prices. There is, however, a fair prospect now of a gradual recovery, and intending purchasers will not do amiss by availing themselves of the low quotations of to-day. Mining Company of Ireland shares may be procured at 22L. 17s. 6d. (7L. paid), being a reduction of 22s. 6d. from the highest price attained within the last two months. Wicklow Coppers (2L. 10s. paid) might be had at 12L. 7s. 6d. per share. Carysforts (25s. paid) have just been done at 15s., and Connorrees could be secured at 18s. 6d. (20s. paid). General Mining Company for Ireland shares are now offered at 4L. 5s., and would be freely taken at 4L. per share. The projected Land Credit Company (limited), the prospectus of which is at this moment before the public, is looked upon here with considerable favour, in consequence of the high respectability of its directors, and the professed objects of the undertaking. We have no doubt that the one of devoloping the mineral resources of the country will ultimately prove nearly the most important to Ireland, and the most lucrative to the proposed company. The capital is fixed at 1,000,000L, in 20,000 shares of 50L each; but there is no doubt that our mineral, agricultural, and commercial resources are so abundant and promising that five times the amount of the proposed capital could soon be employed with perfect safety, and with certainty of realising large profits. realising large profits.

The Humber Ironworks and Shipbuilding Company has been formed The Humber Ironworks and Shipbuilding Company has occur for purchasing and extending the well-known iron shipbuilding establishment of Messrs. Martin Samuelson and Company, of Hull. The capabilities of these works are unsurpassed by any in the kingdom; they occupy 11 acres of ground, with water frontage to the River Humber and River. lities of these works are unsurpassed by any in the kingdom; they occupy 11 acres of ground, with water frontage to the River Humber and River Hull, having a depth of water of 30 feet. There are at present 2000 workmen employed on the works, and the present orders in hand for ships, engines, and general engineering work, amount to above 300,000L, all at very remunerative prices. The capital is fixed at 1,000,000L, in shares of 50L each, one-half of which has been already subscribed for. It is mentioned that the present iron shipbuilding power of the establishment is equal to the construction of 20,000 tons per annum, at which rate the works are now being carried on. Messrs. Samuelson have orders on hand for ships exceeding 20,000 tons; other layer orders are offered and it is not are now being carried on. Messrs. Samuelson have orders on hand for ships exceeding 20,000 tons; other large orders are offered, and it is proposed to take 11 acres of land adjoining the present yard, so as to extend the works to meet the large daily increasing profitable demand for ships, and to erect rolling-mills for the manufacture of the iron required for ship-building, as well as for all kinds of railway and engineering work. In addition to the engineering works, foundry, and shipbuilding-yards, there is a patent slip for repairing ships of the largest class, and the demand for the use of it has been such that it has never been unemployed since Messrs. Samuelson and Company constructed it.

The Great Wheal Metal Tin Mining Company, with a capital of The Great Wheal Metal Tin Mining Company, with a capital of 30,0001, in shares of 51. each, has issued its prospectus, the object of the undertaking being to purchase and work a valuable mineral set to the west of Great Wheal Vor, in the parish of Breage. Capt. Chappell, the managing agent of Sithney Carnmeal, reports that the rich Wheal Metal lode, the Carnmeal lodes, with three other cross lodes, and the Great Wheal Vor clvan course all form a junction in Great Wheal Metal. The The T capital of the Tyne lode in v Dyliffe M is to be pare Mr. mine on testing th ounced, by the re and from nal it wi 5% to 64 tained it

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district is one of the most productive for tin ever worked. The sett has been very favourably reported upon by Captains Joseph Vivian, of Great Wheal Fortune; John Curtis, the mineral agent of Mr. J. Pope Regers, M.P.; Mark Reed, R. Symons, S. Tredinnick, and W. Chappell, all of whom concur in the opinion that if the mine be judiciously and economically worked it will enrich the shareholders.

all of whom concur in the operation state if the mine be judiciously and ecomonically worked it will enrich the shareholders.

Great East Lovell mine is about to be worked by a Cost-book 
Company, which has for its object the development of a mineral property 
minated to the east of the now celebrated Wheal Lovell, and containing, 
among others, the same rich lodes. The property has been favourably reported upon by several accredited agents, among whom may be mentioned 
Capis. J. Bargan (of East Lovell), Richard Quential (of Trampet Consols, and E. Rogers (of Wheal Grylls and other mines), and who, in a 
joint report, state that they have no hesitation in recommending Great East 
Lovell as a first-class speculation, for they believe the results will be similate to those in East Lovell. Captain Charles Thomas (of Dolecath) concludes a favourable report as follows:—"I recommend the working of this 
sett as a great mining speculation of more than ordinary promise for a sett 
on which nothing has been done for a long time past." Great East Lovell 
is divided into 3000 shares, and it is proposed to offer a proportionate interest to the East Lovell shareholders at 32, per share, which includes a 
call of 12, per share recently made, the proceeds of which are to be applied 
for the working of the mine.

The Tynewydd Silver-Lead Mining Company has been formed with a

for the working of the mine.

The Tynewydd Silver-Lead Mining Company has been formed with a capital of 15,000*L*, in shares of 2*L* each, for the purchase and working of the Tynewydd, Moelgolomen, and Bwlch-glas mining setts, the principal lode in which is considered to be identical with that of the celebrated pyliffe Mines. The purchase-money is fixed at 4750*L*, of which 1250*L* is to be paid in cash, and the remainder in paid-up shares. The vendors are Mr. Thos. R. Comyn and partner, who, it is stated, have worked the mine on their own account for the last year and a half, with the view of testing the mine thoroughly before introducing it to the public, and they now consider it is in a state to yield immediate and continuous profits as soon as the necessary machinery is at work. The mine has been very favourably reported upon by Messrs. J. H. Hitchins, the consulting engineer to the Devon Great Consols; E. H. Blake, and T. Currie Gregory, as well as by competent local authorities.

The progress during the past week of other undertakings recently in

gineer to the devolutions. Consider, S. H. Blanc, and T. Currie Gregory, as well as by competent local authorities.

The progress during the past week of other undertakings recently introduced, the publication of whose prospectuses have been already announced, is thus reported—East Wheal Vor has been favourably affected by the remarks that have appeared with reference to East Wheal Metal, and from the plan which we publish in another column of this day's Journal it will be seen that whatever can be said in favour of East Wheal Metal must advance the interests of East Wheal Vor, since no lode contained in Great Wheal Vor can reach the East Wheal Metal sett without first passing through East Wheal Vor; both properties are regarded as possessing first-rate prospects. The East Wheal Vor shares are quoted \$\frac{1}{2}\$ to \$\frac{1}{2}\$, and are readily saleable. Bonelli's Telegraph has not maintained its position; the share list has remained so long open that fears are renertained that, even if the shares are placed at all, the preliminary expenses will be unreasonably high. The quotation for the share is merely nominal. East India Financial, \( \frac{1}{2}\$ to \( \frac{2}{2}\$ prem.; National Financial \( \frac{1}{4}\$ to \( \frac{2}{2}\$ prem.; International Contract Corporation, \( 1\frac{1}{4}\$ to \( 2\) prem.; Imperial Bank of China, \( 2\) to \( 2\frac{1}{2}\$ prem.; International Contract Corporation, \( 1\frac{1}{4}\$ to \( 3\) prem.; Great South Chiverton, \( 2\) to \( 2\frac{1}{2}\$ prem.; International Contract Corporation, \( 1\frac{1}{4}\$ to \( 3\) prem.; Great South Chiverton, \( 2\) to \( 2\frac{1}{2}\$ prem.; International Contract Corporation, \( 1\frac{1}{4}\$ to \( 3\) prem.; Great South Chiverton, \( 2\) to \( 2\frac{1}{2}\$ prem.; International Contract Corporation, \( 1\frac{1}{4}\$ to \( 3\) prem.; Great South Chiverton, \( 2\) to \( 2\frac{1}{2}\$ prem.; International Contract Corporation, \( 1\frac{1}{4}\$ to \( 3\) prem.; Great South Chiverton, \( 2\) to \( 2\frac{1}{2}\$ prem.; International Contract C

At Redruth Ticketing, on Thursday, 3472 tons of ore were sold, realising 17,1352. 12s. The particulars of the sale were:—Average standard, 1238. 16s.; average produce, 6\frac{1}{2}; average price per ton, 4l. 19s.; quantity of fine copper, 215 tons 11 cwts. The following are the particulars:—

Date. Tons. Standard. Produce. Price per ton. Ore copper. Mar. 3l. 3417 & £124 2 0 & 634 & £511 0 & ... \$83 0 0 0 April 7... 1572 & 126 10 0 & 646 & 511 0 & ... \$81 0 & ... \$23 0 0 0 ... \$128 & 20 & ... \$11 0 & ... \$10 0 & ...

The following dividends have be declared during April:-

•	Per	r sh	are		Amo	unf	t.
East Caradon	£1	2	6		£6912	0	0
Mwyndy Iron	. 0	2	0		4000	0	0
Dolcoath	. 8	0	0		2864	0	0
Foxdale	1	0	0		2800	0	0
West Chiverton	0	15	0		2250	0	0
West Wheal Seton	4	0	0		1600	0	0
Wheal Seton	4	0	0	********	1584	0	0
Clifford Amalgamated	0	10	0	*******	1450	0	0
East Pool	7	10	0	********	960	0	0
Wheni Basset		10	0		768	0	0
New Birch Tor and Vitifer Consols	0	2	6	********	750	0	0
Bronfloyd	. 0	2	6		625	0	0
East Darren	2	0	0		600	0	0
Bedford United	0	2	6		500	0	0
Marke Valley	. 0	1	0	*********	450	0	0
Wheal Kitty (Lelant)	0	7	6	•••••	384	0	0
					00 100		_

At East Pool Mine meeting, on Monday, the accounts showed a credit balance of 1048, 138. A dividend of 9601, (71.10s. per share) was declared, and 881, 13s. carried on. Capts. Garby, Tamblyn, and Maynard reported on the mine. "Having put 19 a new calciner since the last account, we find that the old flues and stack have not draught enough for the smoke, in addition to that of the old calciner and ovens, so that we are now under the necessity of making new flues and erecting a new stack; this difficulty has seriously interfered with our tin returns for the past two months, and will do so for the coming two months, so that we do not anticipate being able to return our regular quantity of tin until the account after next. We have a large quantity of tinstant samped out ready for calcining."

At the Dyingwm Mine quarterly meeting (Mr. J. Young in the chair) has accounts showed an outlay of 1985. Is. 6d. upon the old mine, and 1951. 7s. 11d. in opening the Cyfartha level; the ore sold during the quarter amounted to 1144. 0s. 6d. The report stated that the amount of ore raised would have been much larger but for the interruptions occasioned by the weather from frost, &c. A deputation was appointed to whit the mine, and consult with the manager as to the best mode of acquiring power to work the mine efficiently, and are preparing plans, to have regard to the future extension of the works rather than the immediate requirements.

to work the mine efficiently, and are preparing plans, to have regard to the future extension of the works rather than the immediate requirements.

At the Pendeen Consols Mine meeting, on Tuesday (Mr. J. Bawden in the chair), the accounts for the two months, ending with the costs for March, showed a profit of 8d, 17s. 10d. The speneral balance-sheet showed a credit balance of 42d. 18s. The sport of the agents (which appears in another column) having been read, the Chairman said that the returns calculated upon had not been made, but the agents had explained the reasons. He (the Chairman) certainly did not like estimates not being realised, although he knew it was a common occurrence. It was satisfactory to find that they had been able to turn the scale, and instead of incurring a loss they had realised a profit. They had not libe the reached a very anxious and important point—the Great Pendeen loss, which would be cut in about 2 finthoms further driving. They were now driving shoul 1 fathom a week. Mr. Milford enquired the amount the 15 tons of thin is slines would have realised? The secretary replied, at least 900?. Mr. Milford which to know the reason that amount had not been estimated? The secretary said that if that amount had been estimated, there must have been put against it one month's cost, but even then I would leave about 400%, in favour of the company. Mr. Milford said that, although a part of the money paid had been expended in raising that tin, yet the course adopted by the committee of not taking credit for tin not realised was, doubtless, a prudent one. Mr. Birdesp had no doubt that the cutting of the Pendeen lode would prove that Pendeen was as good a copper as it was a tin mine. The Chairman said that the committee had every confidence that the agents were striving to do their best, although their last estimations were passed and allowed. The committee of management were re-elected. A vite of thanks to the Chairman terminated the proceedings.

At the Wheal Margery meeting, on April 20, the acc

At the Wheal Margery meeting, on April 20, the accounts for the four months ending February, showed a debit balance of 581. 68. 4d., which it was agreed to sary forward to the next account. The prospects of the mine were considered to have mady improved. Since the meeting a letter has been received from the purser, stating but improved. Since the meeting a letter has been received from the purser, stating that improved in the sampling will be 380 tons, instead of 340 tons, as promised in the report, and the setting for the next sampling will be for a similar quantity—the largest that the setting for the next sampling will be for a similar quantity—the largest that the setting of the next worth 181. per fathom; driving at 51, per fm., and can be stoped at 4s. 181. From present appearances they anticipate being in a position to commence dividents at the next meeting.

At the Lady Bertha Mine meeting, on Thursday (Mr. Upton in the chair), the accounts showed a debit balance of 5911. 7s. 2d. A call of 2s. per share was made. Messrs. Upton, Steele, and Weatherhead were elected the committee of ma-

Access. Upton, Steele, and Weatherhead were elected the committee of madistinct.

At Chiverton Mine meeting, on Tuesday (Mr. E. Burgess in the chair),
he accounts showed a credit balance of 700?. The Chairman mentioned that there had
been great difficulties for draining the water from the old mine, but he was happy to
ay those difficulties were almost entirely overcome, and that now their way was clear
or making much better progress. The water had been drained from the old mine
of making much better progress. The water had been drained from the old mine
of making much better progress. The water had been drained from the old mine
of making much better progress. The water had been drained from the old mine
of the 40, and the shaft were sollared over in the 40, which the agents were doubt but that
one is the same was not with the water would be drained to the bottom of the mine. They had
was the making had to a depth of 48 fathoms, and which it was proposed to sink to
also deepest part of the mine, and commence levels both cust and west. The opinion
which had so frequently expressed as to the fature of the mine was as sanguine
a verge-ut was merely a question of a little time. Capt. Juleff stated that it was proposed to cross-cut in the 40, or deeper levels, to see the lodes so profitably worked on
in west Obliverion; and, besides, there were other lodes both north and south which

were standing whole to surface. The sett was extensive, and he had no doubt that Chiverton would prove a profitable and lasting mine. The report was ordered to be entered on the minutes, and the accounts were passed and allowed.

At the Hingston Down Consols Mine meeting, on Thursday, the accounts showed an estimated credit balance, before the meeting in June, of 4611. 19s. 3d. The costs for March and April, including pitwork, &c., for Balley's eagine-abaft, will, probably, be about 18001.; the next sampling will be about 440 tons of fair quality ore.

At New Wheal Seton meeting, on Tuesday, the accounts for January and February showed a debit balance of 3221. 14s. 3d. The tender of Mesers. Williams's Perran Foundry Company, to supply a new whim-engine complete for 7301., delivered on the mine, was accepted. Captain Malachi Bata reported upon the various points of operation. In the north part of the sett they are costeaning, to prove whether they have any more lodes in that direction, but have not yet discovered anything important.

At Wheal Rose meeting, on Tuesday, the accounts for January and February showed a debit balance of 7191. 18s. 11d. Captains Tremapne and Waters reported favourably upon the operations in the mine, but consider that its full resources will not be available until the shaft has been communicated to the 80 fm. level. They have sold copper ore, realising 18401. 12s. 11d., which will come to credit of next account.

At the Maudlin Mines meeting, on April 23, the accounts showed a debit balance of 5801. 4s. 4d. A call of 2s. per share was made. Prior to the meeting a deputation of shareholders from London and Liverpool visited the mines, and returned highly pleased with the improved prospects presented.

At the Crown Preserved Coal Company general meeting the fouth dividend of 6 per cent. was declared; and the directors' recommendation was confirmed, that a further issue of shares be made to ensure sufficient working capital for all proposes. The present rate of manufacture does not exceed

At the Central American Mining Company meeting, on Thursday (Drain in the chair), the accounts for the twelve months ending December showed a profit 90831. 16s. 6d. Details will be found in another column.

Quin in the chair), the accounts for the twelve months ending December showed a profit of 9983t. 16s. 6d. Details will be found in another column.

At the Quebrada Land, Railway, and Mining Company meeting, to be held on Monday, it will be proposed to substitute special articles for those contained in Table A, in the "Companies Act, 1862." The principal alterations appear to be the exclusion of holders of less than 5 shares from voting, giving one vote for each 5 shares up to 100, and one vote for each 5 shares beyond. The qualification for a director is shade at 50 shares, and the retiring directors must be re-elected unless seven days notice shall have been given of any other candidate brought forward. Two new regulations will be proposed, the first being "The directors shall be entitled to appropriate out of the funds of the company, as a remuneration, a sum not exceeding 500f., together with 10f. for every 100f. of the profits which may be, during the year, divided as a dividend and bonus over and above 10 per cent. on the capital of the company; and such remuneration shall be divided between the directors as they shall determine;" and the second, which seems to be unnecessary, unless the directors are to incur liabilities not authorised by the "Companies Act, 1862," (which indemnifies them in respect of all legal acts) that "No director by being a party to or executing any contract or other instrument on behalf of the company, or otherwise lawfully exercising any of the powers vested in the directors, shall be subject to be sued or prosecuted, either individually or collectively, by any person whatsoever; and the directors, their heirs, executors, and administrators, shall be indemnified out of the capital of the company for all payments made or liability incurred by any acts done by them, or losses, costs, or damages incurred by them in the execution of the powers granted to them."

The Rossa Grande Gold Mining Company letters of allotment have been issued, the whole of the first 50,000 shares being taken

COAL MARKET.—On Monday the fresh arrivals numbered 47 ships. In house coals the buyers were indisposed to operate without a reduction in prices, which was conceded to the extent of 1s. per ton, and a moderate amount of business done. Hartley's receded 3d. Manufacturers' without alteration. Best house coal, 18s. 6d. to 19s. 6d. per ton; seconds, 16s. 6d. to 17s. 6d.; Hartley's, 15s. 6d. to 16s. 6d.; and manufacturers', 13s. 6d. to 16s. per ton.—On Wednesday, 62 more ships arriving increased dulness was apparent in house coals; a further decline of 6d. took place, other descriptions remaining the same.—On Friday, 95 arrivals. The market for house coals continued a dull business, and first-class sorts were further reduced 6d. per ton. In Hartley's and manufacturers' no variation. Hetton Wallsend, 18s. 6d. per ton; South Hetton Wallsend, 18s. 6d.; Braddyll's Wallsend, 17s. 6d.; Eden Main, 17s.; Harton Wallsend, 16s. 6d.; and Framwellgate Wallsend, 16s. 3d. per ton: 38 cargoes unsold—40 ships at sea.

at sea.

Coal in France.—The committee of French coal mine owners have just published some interesting statistics, from which it appears that in the year 1853 the French coal mines produced 5,000,000 tons, of the value of 59,654,903 fr. In the year 1863 the produce rose to 10,000,000 tons, of the value of 117,500,000 fr., which is only a little more than one-eighth of the produce of the English coal mines. It is said, nevertheless, that the stock of coals in France is exhausted in consequence of the severe winter, and that it will be necessary to look to foreign countries for a fresh supply.

Coal-Cutting by Machinery—Ridley and Jones's Patent.—It will be remembered that a few weeks since we published in the Mining Journal the particulars of a Bill in Chancery, filed by the West Ardsley Company against the patentees, to get possession of the patent under an alleged agreement therein referred to. The West Ardsley Company first applied for an injunction to restrain the patentees from using the patent, but the Master of the Rolls refused the application. On the 13th inst. the case came regularly on for hearing before His Honour the Master of the Rolls. Mr. Bagsallay, Mr. Grove, and Mr. Foakes appearing for the plaintiffs, and Mr. Southgate and Mr. Bagshawe for the defendants, the patentees. After a great deal of argument by the counsel for the plaintiffs, and a very little by the counsel for the defendants, His Honour dismised the plaintiff's bill, with costs. His Honour's judgment leaves the patentees the undisputed owners of their own property.

[We shall give the judgment in next week's Journal.]

[We shall give the judgment in next week's Journal.]

THE IRON TRADE, AND TRADE UNIONS.—The vast amount of inconvenience to which employers have recently been put, and the great hardships to which workmen desirons of possessing the liberty to act as they think proper have suffered through the machinations of trade union agitators, who find it more easy to live on the credulity of the working man than to labour themselves, have induced the ironmasters to take a step which it is sincerely to be hoped will be followed by the employers of every class of labour in connection with which trade unions exist, and will have the effect of discouraging the delegates. A meeting of the most influential members of the Iron Trade, from all parts of the kingdom, was held at the Westminster Palace Hotel, on Thursday, when it was resolved "That this meeting, without any desire to interfere with the right of the workmen to combine for any fair and legitimate object, is resolved to resist, by every means in its power, all attempts on the part of any combination of workmen to dictate to their employers the mode in which their work shall be conducted, and what workmen shall be employed; and, with a view to maintain this principle, a committee will be formed representing every iron-making district in the kingdom."

THE LAKE SUPERIOR COPPER DISTRICTS.—The following is the re-

720,000 shares at \$25 each.

OTEA COPPER MINE.—This is considered one of the most bona fide undertakings ever brought before the public. Looking at all the circumstances connected with it, we may safely say that it will bear comparison with most of them, and we believe it to be better than many which have met with more favour among share speculators. The object of the directors will be to carry on the operations with spirit and

economy, and we understand that powerful and efficient machinery is being of the want of which has been the chief cause of limited results hitherto.

THE ANGLO-BRAZILIAN GOLD COMPANY.—We are informed that the whole of the shares offered to the shareholders, at 1s. per share premium, have been taken up, and that the entire capital is now subscribed.

MINE ACCIDENTS.—At Tincroft Mine, Richard George, 19, was killed by a fall of earth. Verdict, "Accidental Death."—At Politigey Moor, Jame Vincent, 24, was killed in clearing an old shaft. Verdict, "Accidental Death."

QUARTERLY JOURNAL OF SCIENCE.—The second number of this Jour-QUARTERLY JOURNAL OF SCIENCE.—The second number of this Journal fully maintains the character of the first, and contains six original articles, of great merit. The first is on the Mammals of Madagascar, by Dr. Sclater, of the Zoological Society. Next is a very able paper, by Sir J. Herachel, on the Soiar Spots, in which a new and ingenious theory, well worthy the attention of the scientific world, is propounded. Mr. Martin Samueison contributes a very interesting paper on the Rise, Progress, and Prospects of Stesm Navigation. The proceedings of the scientific societies of the metropolis form a very important feature in the book, and the Chronicles of Science are also useful as a record. The Quarterly Journal of Science has sequired great strength by the amaignantion with it of the Edinburgh New Philosophical Journal, the appearance of which will cease with the April number, the co-operation of Prof. Balfour, who has so ably edited the Edinburgh Journal, being thus secured.

April number, the co-operation of Prof. Balfour, who has so ably edited the Edinburgh Journal, being thus secured.

POPULAR SCIENCE REVIEW.—The original papers in the April number of this periodical comprise—on Printing Telegraphs, by Mr. R. S. Cullery; on Herrings and Herring Fithing, by the Editor; Microscopic Fungl, by Mr. M. C. Cooke; on Proper Clothing, by Dr. Lankester; Absorption and Radiation of Hest, by Prof. Debus; Botanical Exercises, by the Rev. G. Henslow; and Pre-Historic Dwellings, by Mr. G. E. Roberts. The Reviews and Scientific Summary are of the same completeness as usual. The character of the work is well maintained.

AMERICAN MINING GAZETTE.—The first number of a monthly magazine, devoted especially to the promotion of American mining interests, and the progressive development and practical elucidation of the correlative sciences—geology, mineralogy, metallurgy, topography, and chemistry,—has just been issued under the title of the "American Mining Gazette and Geological Magazine," by Mr. G. E. Currie, the well-known publisher of New York, and, judging from the character of the articles inserted, it will be one of the most important additions to mining literature that has been made for some time. The introductory chapter contains an interesting account of the Mineral Wealth of the United States, which is followed by an article upon the Dignity and Destiny of Labour. The Mining and Metallic Production of the United States is next considered; Franklinite is described; Mr. Jas. Gallatin contributes a "Pleas for a Metallic Basis of Our National Currency; there is then a chapter on "The Iron-Clad Navy of the United States." The account of the Progress and Development of the Productive Industry of the United States is an elaborate and instructive essay, and there is an admirable historical sketch of the "Petroleum and Oil Mines of Pennsylvania." The entire work is so replete with information and excellently arranged that it cannot fail to find considerable support, and to prove of vast utility in

MANUFACTURE OF GAS. - Mr. W. Lorberg, of Wyld's-rents, Bermondsey, has patented some improvements in the mode of carbonising tan, spent dye woods, spent hope, sawdust, and similar materials, and have for their object to overcome the difficulties ordinarily experienced in the carbonisation of such substances, and to improve the quality of the gas obtained therefrom. The invention is an improvement upon Mr. Lorberg's former patent, already referred to in the Mining Journal.

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the receipt april 24 was 12,5291, 10a, 10d.

	L	EAD	ORE	8.		
Mines. Silver Mountain	3	on the cons.	Price	per	ton.	Purchasers. Sims, Willyams, & Co.
Cargoll	Bold	on the	22d Ap	ril.	6	
Hendre Ucha		on the 8	15	0	0	Newton, Keates, & Co.
East Pant Du		10	14	14	0	Newton, Keates, & Co.
Dyfngwm	***************	111/4	14	6	0	Newton, Keates, & Co. Waiker, Parker, & Co.

BLACK TIN. Sold on the 20th April.

Mines. Tons c. q. bs. Price per ton. Amount. Purchasers
Pedn-an-drea Utd. 9 14 3 21 .... £ 609 16 0—Trethellan.

COPPER ORES.

Sampled April 13, and sold at Tabb's Hotel, Redruth, April 28.

	Mines.		ons.		rice.	-	Mines.	Tons	Pr	ice.	
	Great Wheal			. £2	16	6	Clifford Amalgam	ated 45	 £7	12	6
٠	ditto		08	. 2	8	0	ditto	18	 2	6	6
	ditto		82	. 3	1	0	ditto	17	 4	3	0
	ditto		67	. 4	1	6	Tywarnhaile	66	 2	2	6
	ditto		50	. 1	11	6	ditto	65	 2	2	0
١	ditto		40	. 3	3	6	ditto	64	 2	5	0
	ditto		15	. 5	- 8	6		60	2	2	6
	South Carado	n	86	. 5	14	0		56	2	9	0
	ditto		76	. 9	5	6	ditto	44	 7	4	6
	ditto		75	. 5	19	6	ditto	40	 7	9	6
ľ	ditto		72	. 6	7	6	Fowey Consols		 6	3	6
9	ditto	*********	59	. 16	6	6	ditto	***** 83	 6	1	6
	ditto			. 19	8	0		81	6	18	6
,	ditto	*********	42	. 6	2	6		65	4	4	0
,	Phonix Min	es	95	. 3	3	6	Craddock Moor		5	14	6
l	ditto		81	. 3	0	6	ditto	***** 58	 9	5	6
	ditto		77	. 2	14	6		35	5	10	6
	ditto		71	. 2	12	0		29	3	6	6
	ditto		46	. 3	15	0	Great North Dow		4	16	6
	ditto		45	. 10	3	6	ditto	61	 4	14	0
	ditto	*********		. 6	8	6	Boscawen		3	5	Ö
	West Damse	1		. 4	11	6	ditto	31	 9	16	6
	ditto			. 4	6	0	East Wheal Eilen	52	 4	13	6
	ditto	*********		. 4	4	6	Falmouth and Sp		2	6	6
7	ditto		71	. 4	6	6	North Grambler	22	 5	9	6
	ditto	*********		. 4	4	6	Buckingham's Or		3	15	6
1	ditto		35	. 3	16	6		1	 16	2	0
:	Clifford Ams	algamated	76	. 2	0	6	Grambler & St.	Aubyn, 11	 6	7	0
,	ditto	*********	75	. 2	5	0	Carbis's Precipita		 45	8	6
ľ	ditto	*********			8	6	Symons's Precipi	tate 1		7	
l	ditto				3	0	Niness's Precipit		 43	0	6
	ditto				3	0			 -	-	-

TOTAL PRODUCE.

Great Wh. Busy	471	 £1377	7	6	Boscawen	100	£	528	16	6
South Caradon	467	 4428	9,	0	East Wh. Ellen	52		243	3	0
Phoenix Mines	443	 1751	7	0	Falmouth & Sper	32		74	8	0
West Damsel	410	 1760	1	0	North Grambier	22		120	9	0
Clifford Amalgam	404	 1485	0	0	Buckingham's Ore	17		76	10	0
Tywarnhaile	395	 1302	7	0	Gram. & St. Aubyn.	11		69	17	0
Fowey Consols	320	 1900	1	6	Carbis's Precipit	2		90	17	0
Craddock Moor	194	 1239	19	0	Symons's Precipi	1		24	7	6
Great Nh. Downs	130	 619	12	6	Niness's Precipit	1		43	0	6

COMPANIES BY WHOM THE ORES WERE PURCHASED		
Names, Tons, Amou		
Vivian and Sons£3809	2	0
Freeman and Co	18	1
Grenfell and Sons 2160	14	4
Sims, Willyams and Co 3321/4 1943	1	8
Williams, Foster, and Co 47613 2973	4	8
Mason and Elkington 1543	1	0
Bankart and Sons 546	13	0
Copper Miners' Company 26714 1229	14	6
Charles Lambert 645	0	3
Sweetland, Tuttle, and Co 310 764	15	0
Penciawdd Copper Co 35 193	7	6
Total 3479 £17,135	12	0

Copper ores for sale on Thursday next, at Tyack's Hotel, Camborne,—Mines and parceis—Clifford Amalgamated 736—West Seton 394—Wheal Seton and Pendarves 351—South Tolgue 265—East Fool 240—North Rookear 194—Tolcarne 177—Wheal Basset 175—South Frances 109—North Crofty 97—East Basset 29—New Treisigh 86—Nangliss 78—Wheal Grenville 57—East Grenville 52—Wheal Harriett 37—West Stray Park 31—Tresavean 25—Crane 16.—Total, 3212 tons.

Copper ores for sale on Thursday week, at Tab's Hotel, Redruth—Mines and parcels.

—Wheal Margery 380.—West Basset 358—East Carn Brea 356—Prosper United 324—Levant 201—Treloweth 175—Tolyaden 168—East Rosewarn 155—Copper Hill 126—Par Consols 90—Botaliack 65—Wheal Buller 56—North Frances 25—Allen's Ore 18—North Wheal Basset 17—Wheal Emily Henrietta 17—Great Alfred 16—Alfred Consols 16—Crowan Consols 13—South Creaver 4.—Total, 2580 tons.

Copper ores for sale at Swansea, May 3.—Moonta 106, 95, 89, 130—Fortune Copper 67, 57—Connorree Ore 63, 45—Leghorn 43, 41, 19—Capparh 20, 10, 5—Wallarco 49, 41—Burnt Ore 106—British Regulus 32—Del Soto 86, 6, 1—Wallarco 6—Cape Copper 94, 41, 56, 60, 76, 13, 29, 8, 7, 1, 1, 13—Cuba 97, 90, 59, 46, 14, 3, 1—Total, 2156 tons.

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THE HUMBER IRONWORKS AND SHIPBUILDING COMPANY (LIMITED).
Incorporated under the Companies Act, 1862.
The Mercantile Credit Association (Limited) and the Credit Mobilier (Limited) are prepared to receive applications for the capital of the Humber Innerwrks and Shipbuilding Company.
Capital, £1,000,000, in 20,000 shares of £50 each, of which 10,000 have been already subscribed. Deposit on application £1 per share, and £4 on allotment.
No fiture call to exceed £5 per share, and at intervals of not less than three months. It is not contemplated to call up more than £12 los, per share; any further capital that may be required will be raised by the issue of new shares, a preference being given to the holders of existing shares.

a preference being given to the holders of existing shares.

DHRECORS.

E. W. WATKIN, Esq., Director of the Great Western Railway Company, and President of the Grand Trunk Railway Company of Canada—Chairman.

D. J. BACCA, Esq. (Pana, Grened), and Co.), Great Winchester-street.

E. H. D'AVIGDOR, 5, Upper Harley street.

Capt. HEATH, C.B., Austin Grange, Dorking. [Hull).

JOHN LUMSDEN, Esq., Mayor of Hull (Brownlow, Lumsden, and Co., shipowners, Capt. J. H. MARRYAT (Joseph Marryat and Sons), Laurence Pountney-lane.

W. L. MERRY, Esq., Director of the Mercantile and Exchange Bank (Limited).

J. MORRIFSI, Esq., Director of the Mercantile and Provincial Bank (Limited).

W. H. MOSS, Esq., Alderman, Hull.

CHRISTOPHER SIMPSON, Esq., Director of the Hull Dock Company, Hull.

W. H. SMITH, Esq. (Smith, Barry, and Co.), Lesdenhall-street. [hall-street.]

JULIUS H. THOMPSON, Esq., Julius H. Thompson and Co., shipowners), Leaden—
MANAGING DIRECTOR, HULL—Martin Samuelson, Esq., M. I.C.E.

CONSULTING ENGINEER—George Hinton Bovill, Esq., Duke-street, Westminster, Consulting Mainer Engineer at Royal Dockyard, Woolwich, Bankers.

Charles Atherton, Esq., Whitehali, late Chief Engineer at Royal Dockyard, Woolwich, Metropolitan and Provincial Bank (Limited).

Bank of London.

Bank of London.

Metropolitan and Provincial Bank (Limited).

Mercantilie and Exchange Bank (Limited), London, Liverpool, and Giasgow.

Messrs. Samuel Smith, Brothers, and Co., Huil.

Solicitors—Messrs. Edwards and Co., West-ninster.

Brokers—Messrs. Robins and Barber, Threadneedie-street.

TEMPORARY OFFICES.

At the offices of THE MERCANTILE CHEDIT ASSOCIATION (LIMITED), 21, THREADNEEDLE-STREET; and THE CREDIT MOBILIER (LIMITED), 80, LOMINARD STREET. SECRETARY—ARTHU DOSSOF, ES.

The company has been formed for purchasing and extending the well-known iron ship-building establishment of Mesars. Martin, Samuelson, and Company, of Huil. The ca-pabilities of these works are unsurpassed by any in the kingdom; they occupy Il acree of ground, with water frontage to the River Humber and the River Huil, having a depth

of water of 30 ft.

The present from shipbuilding power of the establishment is equal to the construction of 29,000 tons per annum, at which rate the works are now being carried on. Messrs.

Samuelson and Co. have orders on hand for ships exceeding 20,000 tons; other large orders are offered; and it is proposed to take 11 acres of land soloning the present yard, and which Messrs. Samuelson and Co. have secured, so as to extend the works to meet the large daily increasing profitable demand for ships, and to erect rolling mills for the manufacture of the iron required for shipbuilding, as well as for all kinds of railway and engineering work.

and engineering wors.

In addition to the engineering works, foundry, and shipbuilding yards, there is a
patent slip for repairing ships of the largest class; this is a highly profitable part of the
business. The demand for the use of this patent slip has been such that it has never
been unemployed since Messrs. Samuelson and Co. constructed it at a considerable cost

been unemployed since Messrs. Samuelson and Co. Constructed it as a constructed consome years ago.

The situation of this establishment gives it special advantages over others of a like character. The price of shipbuilding labour is lower at Hull than in any of the iron shipbuilding ports of the kingdom; it is in the great iron district of Yorkshire; coal is cheap; railways run into the works, and connect them with all parts of England. Freights are very moderate from Hull, and the large timber trade of Hull offers advantages for the purchase of the timber (which is used in large quantities) on highly advantages conditions.

Freights are very moderate than the stage for the depth of the timber (which is used in large quantities) on highly advantageous conditions.

Two thousand workmen are now employed at the works.

The present orders in hand for ships, engines, and general engineering work amount to above £300,000, all at very remunerative prices.

Reports made by some of the most eminent engineers who have examined the works, and who are specially acquainted with this branch of manufacture, show that after making large allowances (30 per cent.) off the capabilities of the works, the trade will, with the judicious management and employment of the capital, return a dividend of 20 per cent. and upwards to the shareholders, and, if the works continue to be fully employed, a much larger amount.

The terms of purchase are highly advantageous; the plant and machinery, buildings, freshold and leasehold premises, together with all the stock of materials, are to be taken at the valuation of two engineers, one named by the company, and the other by the vandors, with an umpire in the usual way. The goodwill of the business, including the profits on work in hand, is to be paid for at one-year's purchase of the nett profits, but on an average of three years' working.

In the event of no allotment being made the deposits will be returned in fall. Should a less number of shares be alloted than is applied for the deposit will be made available towards the payment on allotment, and the baince (if any) returned to the applicant. Prospectuses and forms of application for shares may be obtained at the temporary offices of the company, 21, Threadneedle-street, and 80, Lombard-street; and of the brokers and the solictors.—April, 1864.

FORM OF APPLICATION FOR SHARES.

Date April, 1864..... Profession .....

THE HUMBER IRONWORKS AND SHIPBUILDING COMPANY (LIMITED).

Notice is hereby given, that the LIST OF APPLICATIONS FOR SHARES in this company will be CLOSED on TUESDAY NEXT, the 3d May, at Four o'clock, for LONDON, and WEDNESDAY, the 4th of May, at Twelve o'clock, for COUNTRY applications. By order of the Board, ARTHUR DOSSOR, Sec. pro tem. 21, Threadneedle-street, London, April 30, 1864.

THE TON MAWR ESTATE AND COAL COMPANY
(LIMITED).

To be incorporated under the Companies Act, 1862, which specially limits the
liability of each shareholder to the amount of his shares.

Capital £120,000, in 12,000 shares of £10 each.

Of which £60,000 only will be required until the company so poprations are extended,
Payment on allotment, £3 per share.

No call to exceed £1 per share, and after the first no further calls to be made
at less intervals than three months.

MILLIAM WALTER CARGILL, Esq., M.P. (Director of the Oriental Bank)—CHARLES HOTSON EBDEN, Esq., 25, Westbourne-terrace (late of Melbourne).

FRANCIS MORROGH WALSH, Eq., 11, Gloucester-square.

Lieuk-Co., WILLIAM ST. BARBE BROWNE, Rugby (Director of the Neath and
Brecon Railway). Brecon Railway).

J. A. COX, Esq., Kensington Park-terrace, Notting-hill, London (Director of the sa railway). (With power to add an additional director to their number.)

way). (With power to add an additional director to their number.)

BANKERS.

Messrs. Robarts, Lubbock, and Co., Lombard-street, London.

The Glamorganshire Banking Company, Neath.

Sollicross—Messrs. Green and Allin, Angel-court, Bank, London.

BROKERS—Messrs. Fox, Taylor, and Backhouse, 5, Tokenhouse-yard.

AUDITORS.

Richard Barrett, Eqq., 13, Mark-lane.

Mcssrs. Cash and Edwards, Accountants, 13, Tokenhouse-yard.

SECHETARY—L. Young, Eqq.

REGISTERED OFFICES,—10, ANGEL COURT, BANK, LONDON.

This company has been formed for the purpase of purchasing and developing 1600 acres of freshold mineral land, situated about six miles from Neath, in the centre of the great coal field of South Wales, and which have been secured on very advantageous terms.

Arrangements have also been made for the purchase of the Ton Mawr Celliery, which immediately adjoins the freshold estate on its western boundary, and into which the workings of the colliery extend. This colliery embraces the minerals under about 450 more of land, and is held upon lease for 99 years from 24th June, 1861, at the very moderate reut or royalty of 4d, for each miner's ton of ceal worked during the succeeding

derate ront or royalty of 4d. for each miner's ton of ceal worked during the succeeding 10 years, and afterwards of 6d, per miner's ton of ceal worked during the succeeding 10 years, and afterwards of 6d, per miner's ton.

In the purchase of the freehold estate will be included the several veins of coal, iron-stone, and other minerals thereunder, the residence of one of the vendors, the farm houses, cottages, and other buildings thereon, all the growing timber, a branch raliway nearly a mile long, which connects the three coal levels now open upon the estate with the main line of the South Wales Mineral Raliway, and all the ralis and plant belonging to such vendor, now in and about the branch raliway and the three levels before referred to. The timber extends over about 350 acres, and is valued at £20 per acre, or £7000. A rich vein of argiliaceous ironstone crops out upon the surface of the estate. This ronstone has been proved, and can be worked at very little exponse. It has been analysed by Dr. Noad, who reports that it contains 34 6 per cent, of iron, and that the quality of the stone for smelting purposes is excellent.

The minerals under a portion of this estate were let by one of the vandors, a short time back, upon a royalty of 6d, per ton upon all coal worked thereunder, and at a minimum sleeping rent of £750 per annum. The surface, with the houses and cottages, produces £500 per annum.

nimum sleeping rent of £750 per annum. The surface, with the houses and cottages, produces £500 per annum.

The Ton Mawr Colliery has been well and extensively opened under the leasehold property, whence it extends into the freehold, as before mentioned. It is worked by lavel merely, and thus drains itself, without requiring pumps, hoisting apparatus, or machinery of any description. It has been proved to the extent of two miles ahead, so as to demonstrate that it is free from faults. It is thoroughly ventilated, and perfectly free from fire-damp. The quantity of the coal has been long established at the large works in the locality, as well as in the mining districts of Devon and Cornwall. The quantity worked is daily increasing, but is still inadequate to the demand.

The price to be paid for the before-mentioned freehold estate, together with the Ton Mawr Colliery, and all the plant, stock, and other property connected therewith, including the goodwill of the business as a current-going concern, is £56,000, of which sum £20,000 may remain for a period upon mortgage of the freehold estates at 5 per cent, per annum; and £15,000 will be taken by the vendors in 3000 shares of the company, having £5 per share paid thereon, thus leaving 5000 shares only to be issued. The present owners will thus continue to be largely interested in the company. One of them will join the board of directors, and another, who resides at Neath, will superintend the property and the underground workings of the colliery.

From calculations carefully made of the probable profits of this company, it is estimated that they will equal, if not exceed, 15 per cent. per annum.

For detailed prespectuses apply at the company's office, or to the brokers.

#### Railway Coal Wagons

THE WARRINGTON WAGON COMPANY (LIMITED) is OPEN to TREAT with COLLIERY PROPRIETORS and OTHERS for the HIRE of WAGONS, upon purchasing or other forms of lease. Specifications and builders left to the hire's choice.

left to the hirer's choice.

TWENTY 6 ton WAGONS, 3 years old, not much used, and in good repair, are now offered for each payment, or by deferred payments extending over five years. May be inspected at Warrington, and terms obtained from Mr. Jos. Davies, secretary; or from the company's inspector, Mr. B. P. Coxon, at Warrington.

#### Titanium Ore Company.

TO IRONMASTERS AND STEEL MANUFACTURERS. The ATTENTION of IRONMASTERS AND STEEL MANUFACTURERS,—
The ATTENTION of IRONMASTERS and STEEL MANUFACTURERS is
INVITED to the fact, that most IMPORTANT IMPROVEMENTS in the MANUFACTURE of both HON and STEEL are EFFECTED by ADOPTING the USE
of TITANIUM ORES in the VARIOUS PROCESSES of SMELTING IRON, and of
MANUFACTURING both STEEL and IRON.
It was first discovered by Mr. Robert Musier, of Coleford, that the excellency of
iron, wherever manufactured, was invariably, to a great extent, dependent upon the presence of a certain amount of oxide of Titanium in the ores or materials employed in the
manufacture of that iron, and this discovery is now generally acknowledged and known
to be borne ont by facts.
Mr. Musier's experiments, which have extended over a period of several years, have
clearly demonstrated that wherever pure ores or oxides of Titanium are properly em-

to be borne out by facts.

Mr. Musurs's experiments, which have extended over a period of several years, have clearly demonstrated that wherever pure ores or oxides of Titanium are properly employed in the mannfacture of iron or steel, the resulting products are pessessed of a degree of tenacity, strength, and body, which cannot by any known means be otherwise obtained. Pig-iron has been smelted in a blast-furnace from a mixture of hematite iron ore and imenite (the most abundant ore of Titanium), in the proportion of from 2½ parts to 10 parts of limenite to 100 parts of hematite iron ore. With 7½ parts of limenite by pig-iron produced has been simply paddied, and the puddle bar drawn sound and clear to ½ inch, giving, when tested, a tensile strength of 45 tons per square inch. In another instance a tensile strength of 47 tons per square inch was obtained, the pig-iron from which the puddle bars were made being obtained from a mixture of limenite and carbonates of iron.

ng-nron from which the puddle bars were made being obtained from a mixture of Rims-lite and carbonates of iron.

In steel manufactured with a suitable addition of Titanium ore, the tensile strength bitained is even more remarkable than that of Titanic iron, and the steel thus prepared cars a strain of from 10 to 20 tons, and in some instances even 30 tons per square inch, eyend that sustained by other steel, whilst the manufacturer is enabled to produce a uperior quality of steel for all purposes, from materials of a much cheaper class than hose ordinarity employed.

hose ordinarily employed.

An eminent from making firm, who are manufacturing hematite pig-iron, have used with their from ores a mixture of Titanium ore for some time, and have now purchased

with their iron ores a mixture of Titanium ore for some time, and have now purchased a very large quantity for more extended operations.

The results obtained by this firm have exceeded their expectations; the reports of the quality of their pig-iron thus improved being most satisfactory, so that higher prices can be commanded for their iron, especially for use in the Bessemer process, for which this class of pig-iron has been found to be admirably satisfal.

A foreign ironmaster made use of a mixture of ilmenite with his own iron ores in his blast-farmace, and from the iron thus produced armour plates were made, to be tested and compared with armour-plates supplied by the most eminent makers. The result of the test was so completely in favour of the Titanium fron, that the manufacturer of this iron obtained the whole of the orders then given out. The Titanium crewhich was used in the above instance was from the same mines as the limenite ore to which the attention of ironmasters is here directed.

attention of ironmasters is here directed.

Titanium ores can be used in various ways, and particulars and instructions can be given on application being made as below.

When Titanium ore or limenite is used in the biast-furance, from 2½ to 7½ per cent, of that ore is required of the working ore burden of the furance, according to the nature of the iron ores which are smelted, but generally 2½ per cent, of limenite is enough to effect a great and marked improvement in the quality of the iron produced; and this proportion can be used without in the slightest degree deranging or interfering with the regular working of the blast-furance, and no change of routine is required in the management of the furance.

The fitning of which complete for the complete of the furance of the furance of the furance.

# Gun Cotton Manufactory.

Gun Cotton Manufactory.

MESSRS. THOMAS PRENTICE AND CO.,
MEREAT EASTERN CHEMICAL WORKS, STOWMARKET, SUFFOLK.
Tals manufactory has been established for the purpose of preparing GUN COTTON, according to the Austrian process, and was opened on the 26th of January last, under the inspection of Baron Lenk. Messrs. Thomas Prentice and Co. are now able to SUPPLY GUN COTTON, in its most approved form, either for the purposes of engineering and mining, or for military and submarine explosion, and for the service of artillery, as a substitute for ganpowder.

The advantages of Baron Lenk's GUN COTTON are the following:—
For Purposes of Artillery.—The same initial velocity of the projectile can be obtained by a charge of gun cotton one-fourth of the weight of gunpowder. There is a much smaller recoil of the gun. The same initial velocity of projectile is produced, with a shorter length of barrel. In projectiles of the nature of explosive shells it breaks the shelt more qualify into much more numerous pleces than gunpowder. When used in shells, one-third the weight of gun cotton produces double the explosive force of gunpowder.

For Civil Engishermo And Minso.—In driving tunnels through hard rock a charge of gun cotton of given size exerts double the explosive force of gunpowder, thus a smaller number of holes is necessary. It may be so used as, in its explosion, to reduce the rock to much smaller pleces than gunpowder, and so facilitate its removal. As gun cotton produces no smake, the work can proceed much more rapidly, and with less injury to the health of the miners. In working coal mines the advantages of bringing down much larger quantities of material with a given charge, and the absence of smoke in the explosion, enable a much greater quantity of work to be done in a given time at a given cost. The weight of gun cotton funding and greater force of a given charge is a great element in cheapening the cost of submarine work. The peculiar local action of gun cotton heing one-sixth that of gunpowder. In blasting rock un

forms required for their use. Mining charges will be supplied in the rope form, according to the diameters of bore required, and gun cotton match-line, as well as instructions for using it in mines, will be supplied with it.

The great advantage of gun cotton make its use in practice very much cheaper than its comparative price would appear to show; in blasting rock, for example, the rapidity and quantity of the work done, with a given expense of wages, &c., is largely in favour

and quantity of gun cotton.

Messrs. Thomas Prentice and Co, are also prepared to manufacture the gun cotton and deliver it in the form of gun cartridges, adapted to every description of amountation all they require for this purpose being a drawing of the gun, gunpowder cartridges, and amountation, with the specification of weights, sizes, and initial velocities.

mmunition, with the specification of weights, sizes, and initial velocities.

Artillerists who prefer to manufacture their own cartridges may make special arrangements with the patentee through Messrs. Preserve and Co.

Stowmarket, March 10, 1864.

BERYSTWITH FOUNDRY COMPANY (LIMITED). This company's extensive FOUNDRY and FORGE WORKS are NOW in FULL OPERATION. MACHINERY and CASTINGS of EVERY DESCRIPTION will be EXECUTED with ACCURACY and DISPATCH, under the care of Mr. THOMAS FORGE, from Mesers. Harvet and Co., Ironfounders, Hayle, Cornwall. FULL PRICES will be GIVEN for OLD CASTINGS, SCRAP IRON, and BRASS delivered at the company's works, opposite the railway station, Aberystwith.

IMPROVED APPLICATION OF WATER-POWER

THE TURBINE.—MAC ADAM BROTHERS AND CO.,
ENGINEERS, SOHO FOUNDRY, BELFAST, have been engaged for 12 years,
with complete success, in MANUFACTURING their IMPROVED TURBINES, and
can recommend them with condidence.

This machine is applicable to all practicable heights of fall and quantities of water,
giving a much higher percentage of power than any other description of water-wheels.
On low fails it has the additional advantage of not being affected by floods or backwater, and it is particularly well adapted for any falls where the quantity of water is
variable. zariable. Further particulars on application; also, references to turbines now at work on a great variety of fails.

THE INTERNATIONAL CONTRACT COMPAN (LIMITED).
Incorporated under the Joint Stock Companies Act, 1862.
Capital, £4,000,000, in 80,000 shares of £50 each (with power to increase).
First issue, 40,000 shares, or aircady subscribed.
£1 on application, and £4 on allotment.

His Excellency Senor M. JOSE DE SALAMANCA, of Paris and Madrid, WILLIAM LATHAM BAILEY, Esq. (Mears. Bailey Brothers and Co.), Livenia Sir JOHN GRAY, Director of the Lands Securities Company.

ROBERT SIMPSON, Esq. (Mears. Frederick Levick and Co.), Cwm Celyn Ivang, and London.

and London.
P. S. FLETCHER, Esq. (Messrs. Alexander, Fietcher, and Co.)
S. L. KOE, Esq., Bowling Iron Company, Bradford.
SAMUEL GIBSON GETTY, Esq., M.P., Belfast.
V. BAYLER (Messrs. S. and J. Bayler, bankers), Switzerland.
M. JULES LEVITA, Advocate to the Austrian Legation, Paris.
WILLIAM EVANS, Gresham House, Director of the Dublin and Drogheda Railay.
D. J. HOARE, Esq., Director of the Bank of Hindustan.
GEORGE P. KITSON, Esq., King's-arens-yard, Director of the Continental Railay.

Corporation.

H. ALERS, HANKEY, Esq., 25, Old Broad-street.

BANKERS,—The Bank of London.

Solicitors—Mesers, Sole, Turner, and Hardwick, 68, Aldermanbury.

BROKERS—Mesers, Seymour and Co., Bank Chambers, Throgmorton-street.

SECRETARY (pro tem.)—Frederic Wilkins, Esq.

SECRETARY (pro tem.)—Frederic Wilkins, Esq. OFFICES,-No. 9, KING'S ARMS YARD, LONDON.

This company is formed as an auxiliary to the Great Financial Associations a catabilished.

It is not the province of those institutions to carry out the public works content in the concessions they obtain. They are, therefore, compelled to seek the ofee of contractors, whose capital and position offer an undeniable gearantee for the piction of the works, thus relieving the financial associations of that responsibility. The constantly increasing scale on which public works of all kinds are carris and the immense capital involved place them, beyond the reach of individual costs unless supported by Joint-stock enterprise.

This company has, therefore, been formed for the purpose of undertaking the case of great public works, and arrangements have been entered into with well-know tractors, by which contracts to the amount of £11,003,000 sterling will be tarm to the company.

Among other contracts handed over to the company is that for the

he company. kmong other contracts handed over to the company is that for the copean Central Railway, which has been secured on favourable

European Central Railway, which has been secured on favourable terms, and will commenced forthwith.

The active services of an eminent contractor, whose business has been secured, with the active services of an eminent contractor, whose business has been secured, with retained to execute the works on terms highly advantageous to the company, been in a large interest in the company by receiving payment for the transfer of hissent in shares with 51. only credited thereon.

It is well known that many undertakings of great commercial value have hithen mained in abeyance for want of contractors who can command the necessary received the properties of a large attention of the company of the properties of a large attention and ability, will secure such an amount of confidence on the part of Govarnes public bodies, and the great financial institutions, as will enable it to command at tensive business on favourable terms.

Prospectuses, with forms of application, may be obtained at the offices of the companies from the brokers, solicitors, and bankers.

In the event of no allotment being made the deposits will be returned in full. See a less number of shares be allotted than are applied for the deposits will be maken a bie towards the payment on allotment, and the balance, if any, returned to the applies to the deposits of the companies of the companies.

#### THE INTERNATIONAL CONTRACT COMPANY (LIMITED). FORM OF APPLICATION FOR SHARES.

FORM OF APPLICATION FOR SHARES,

(To be retained by the bankers.)

To the Directors of the international Contract Company (Limited).

GENTLEMEN,—Having paid to your bankers, the Bank of London, the sum of £
being a deposit of £1 per share on shares in the above company, I hereby re
that you will allot me that number, and I agree to accept such shares or any less
per you may allot to me; and I agree to pay the deposit on allotment, and to sig
Articles of Association of the Company when required, and I authorise you to insee
name on the register of members for the number of shares allotted to me.

THE INTERNATIONAL CONTRACT COMPAN

(LIMITED).

Notice is hereby given, that the SHARE LIST of the International Contra pany (Limited) will be CLOSED for the United Kingdom THIS DAY (Satur 20th April).

F. WILKINS, Sec. pr. 9, King's Arms-yard, April 30, 1864.

DEVONSHIRE SILKSTONE COAL COMPANY (LIMITED) Capital, £30,000, in 3000 shares of £10 each. Incorporated under the Companies Act, 1862. £1 per share on application, and £1 on allotmer

At per share on application, and £1 on allotment.

DIRECTORS.

GEORGE ASHWORTH, Esq., Howwood, cotton spinner.
JOSEPH CHATTWOOD, Esq., Bury, engineer.
JOHN DIXON, Esq., Badford, engineer.
WILLIAM HOLLAND, Esq., Heywood Hall, Hoywood, gentieman.
RICHARD LOPD, Esq., Union-square, Bury, draper.
JAMES PARK, Esq., Bury, ironfounder.
MARK WHITEHEAD, Esq., Heywood, gentieman.
BANKEIS.
The Manchester and County Banking Company (Limited), York-street, Manchester and at Bacup, Bioton, Blackburn, and Preston.
SOLICTORS—Messrs. Flizgerald and Taylor, 63, King-street, Manchester.
MANAGER—Mr. Richard Pease, Darfield, near Barnaley.
SECRETARY—Mr. J. B'omeley, 45, Exchange Arcade, Manchester.

PROSPECTUS.

This company is formed for the purpose of winning and working an extensive black shale or Silkstone seam of coal, upwards of 800 acros in extent, situate three miles north of Chesterfield, in the county of Derby, and leased from the D and Barlow Iron Company for a term of thirty-four years, from 1st of January at £200 per acre, surface measure.

The existence of the coal, and the cheap rate at which it can be raised, as pw the working of the upper mines on the estate, entirely remove this undertakin any risk or apeculation, and thus affords a favourable opportunity for moderate ists to invest in one of the most profitable and safe mines in the kingdom.

The Midland Railway Company's new branch line from Sheffield will past the estate, besides which a branch line aiready runs to the Midland Railway; a proposed to sink the shafts so near to the railways as will conveniently afford to the same.

the same. Trospectuses, containing full reports of the undertaking, and forms of application res, may be had from the bankers, auditors, or secretary.

GREAT SOUTH CHIVERTON SILVER-LEAD

MINING COMPANY.

On the "Cost-Book Principle." In 6000 shares.

BANKERS-Bank of London, Threadneedle-street.

BROKERS-Mr. William Lelean, 11, Royal Exchange; and Mr. Emanuel Gompon.

Crown-court, Threadneedle-street.

SECRETARY-Mr. Henry Chapman.

OFFICE, 11, ROYAL EXCHANGE, LONDON.

This company is formed for working the estate of Ventongimps, in the parishel's ranzabulce, in the county of Cornwall. It is bounded by the Chiverton Moor Maist the north-west, and the rich West Chiverton on the north. Chiverton stagas is it north-east, and South Chiverton to the south. The sett extends eastward from Certon Moor Mine, side by side of West Chiverton, for several hundred fathous, will be seen by the map; therefore its position as a property is second to none in the country of Cornwall.

will be seen by the map; therefore its position as a proper, county of Cornwall.

The reports of well-known and experienced mine managers acquainted wit trict will be read with interest, and cannot fail to command public attention. As before stated, the celebrated West Chiverton Mine, one of the best in Comarket value being £250,000, with every probability of its going much high twelve months ago selling at £30,000, immediately adjoins this company's the fact that the lodes in Great South Chiverton are in precisely the same ground as West Chiverton, similar large deposits of rich silver-lead orest cortain to be met with, and cannot fail, when properly developed, to make leading dividend mine. The prospectus, containing reports, with plan, can be had at the office of the or 11, Royal Exchange.

NORTH WHEAL SETON COPPER MINING COMPAN

Chairman Setton Coffee Mining Communication of the Communication of the

This company is formed for the purpose of working the North Seton Mins, which set at Camborne, in Cornwall, the richest district in Europe for copper, and west of the celebrated Setons and Tolgus Mines, which have realised inneress if the West Seton Mine alone having returned in one year £49,000, and still being the richest mines in the district.

Shafts have been sunk in this sett, and three promising lodes discovered, two of the from 4 ft. to 5 ft. wide, and the other from 7 ft. to 8 ft. wide.

Applications for shares and prospectuses to be made to Mr. George Shares, Albion-street, Leeds.

MR. WILLIAM REAY, Jun., MINING ENGINEER AN METALLURGIST, bas JUST RETURNED from an interesting EXTENTED EXPEDITION to a NEW MINING DISTRICT in RRAZIL, and also places his SERVICES at the DISPOSITION of his FRIENDS and the PUBLIK EXAMINE and REPORT UPON MINES or REDUCTION WORKS, especially and silver.—Apply personally, or by letter, to Mr. W. Reax, jun., Spread Engle 1866 Gracechurch-street, Loudon, E.C.

A SSAYS AND ANALYSES OF EVERY DESCRIPTION Conducted by JOHN MITCHELL, F.C.S., M.G.A. (Established 20 year).

Author of "Manual of Fractical Assaying," "Metallurgical Papers," &c. All communications and samples to be addressed (free) to Mr. MITCHELL, can'ell. P. Clay, 29, Great St. Helen's, London, E.C.

SWANSEA COPPER ORE WHARVES.

GEVERNEN,—We beg to inform you that, in consequence of the retirement of Messrs.

N. and J. M. Williams from the copper ore trade, which they have carried on here for se many years past, we have resolved to enter upon that business, and for which purpose we have secured most eligible wharves, on the west aide of the North Float, where vessels have secured most eligible wharves, on the west aide of the North Float, where vessels are secured in, and, together with a steam crusher now erecting, will, we expect, be compited assioness we purpose carrying on is that of copper ore wharfingers, combined with metal and other general agencies, which will be managed by our Mr. Thomas Eiford, who for 20 years has filled an important situation under Messrs. Williams, Foster, and to, and for the last eight years has had the entire management of their large copper one business of Messrs. W. and J. M. Williams, which we trust will be a sufficient guarantee to our friends that any business they may entrust to our care will be consoliding a share of your consignments of ore, regulus, and siab copper to this port, as well as a slare of any general business you may have to transact in this quarter,

We remain, Gentlemen, your obedient servants,

REFERENCES:—Messrs. Williams, Foster, and Co., London and Liverpool; Messrs, Jan, Schole, and Jan, Schole, and Jan, Schole, and Jan, Swansea; Messrs. Alex. Bell and Sons, No. 8, Finch-lane, London.

WATSON AND CUELLYS MINING CIRCULAR.

WATSON AND CUELL'S MINING CIRCULAR, published every Thursday morning, price 6d. or £1 is. per annum, contains special Reports of Mines, and the Latest Intelligence from the Mining Districts, from an scalusive resident agent; also, Special Recommendations and Advice upon all subjects manufactions in the Share Market, Metal Sales, and General Share Lists, &c. Edited by J. W. Warson F.G.S., and published by WATSON ADCUELL, 18t. Michael's-alley, Cornhill, N.B. Messra. WATSON and CELL have made a selection of a few dividend and propagations, which they have reason to believe will pay good interest, with a probability, also, of a rise in value, the names and particulars of which will be furnished application.

Now ready, price 5s., by post 5s. 4d.,

STATISTICS OF AND OBSERVATIONS UPON THE MINES
OF CORNWALL AND DEVON,
For 1861, 1862, and 1863.

By THOMAS SPARGO, Mining Engineer, Stock and Sharebroker,
Gresham House, Old Broad-atreet, London, E.C.

HISTORY OF THE RISE AND PROGRESS OF MINING IN DEVONSHIRE,
From the time of the Phonicians to the present.
By G. CHOWEN.
London: Published at the MINING JOURNAL office, 26, Ficet-street, E.C.

M. H. O. P. T. O. N. E. W. W. O. R. K., entitled CONVERSATIONS ON MINES, &c., BETWEEN "FATHER AND SON." When ready will have 13 diagrams, showing several ways of working out coal, and of vertilation. Also 11 diagrams, showing how to dial the workings, and alsy the said working on plan. N.B.—Only a limited number will be printed.

Address (at once), to Mr. J. J. CAMPBELL, Cropper's—hill, St. Helen's.

MR. JOHN H. CLEMENT, F.G.S., &c., CONSULTING
MINING ENGINEER,
3, GLOUCESTER TEERACE, CHURCH STREET, KENSINGTON, W.
Reports after inspection on any class of mines, quarries, or collieries in any part of the
world. Promotion of companies undertaken, whether for foreign or home mines, quarries, or collieries.
Spanish, Mexican, or South American mines are considered by Mr. CLEMENT as firstrate properties for investment, Norwegian silver and copper mines as second to none.

CHIVERTON MINING DISTRICT.—MR. R. SYMONS begs to inform the subscribers to his forthcoming Map that the delay of the publication has arisen from the circumstance that the boundaries of some of the mines are undetermined; as soon as these are settled the work will proceed to completion.

Truro, March 24, 1864.

MAP OF THE CROWAN AND ABRAHAM MINING DISTRICT is NOW READY, price 15s, coloured, or 21s, mounted, By BEENTON SYMONS, Mining Engiaeer, &c., 18, Hatton-garden, E.C., and at Traro, Cornwall.

# Actices to Correspondents.

THE SLATE THADE.—The publication on this subject being out of print, the author is engaged preparing another edition for the press, and he would feel obliged by parties interested in the trade communicating any information they have in their possession or can obtain to be embodied therein. The object being to produce a work which will be useful to every one embarked in this extending trade.

or useful to every one embarked in this extending trade.

Caradian Oil. Compart.—If your correspondent, "Canada," will apply at the office of Mr. Wagstaff, 2, 8t. Michael's-house, city, he can obtain all particulars respecting this company, which was a concern of much promise.—R.

Limited Liability II. Law.—Could you inform me if money deposits made by subscribers in a company under the Limited Liability Act can be by law made to be returned, and that readily, in case sufficient of the money agreed on for carrying out the mine be not subscribed? Thus, say a prospectus have in it the following clause, "when half the shares offered to the public are subscribed for the works will be commenced," and that half should never be so subscribed, would the law readily affor means for the deposits made to be returned?—Enquirer.—[The applicant for shares can withdraw at anytime before the allotmont is actually made. In the above case the shares could not, we should think, be allotted until the stipulated number has been subscribed and paid upon. The return of the deposits paid could be readily obtained.]

Mouse Brockers.—The letter of "A Country Subscriber" is hardly adapted for publicant for the country subscriber.

MINING BROKERS.—The letter of "A Country Subscriber" is hardly adapted for publication: the subject is more a matter for the consideration of the members of the

TREVENEN AND TREMENHEERS.—In last week's Journal, Trevenen's engine-shaft to sini below the 130 should be the 150.

# THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, APRIL 30, 1864.

REPORT FROM NORTHUMBERLAND AND DURHAM.

REPORT FROM NORTHUMBERLAND AND DURHAM.

APRIL 28.—The prospects for the Coal Trade are better than for a long period, and the demand for all kinds of coal is good and improving. The strikes in the Midland Counties have the effect of getting rid of the cargoes of house coal as soon as they arrive in the Thames, at an improved price, so that this class of collieries are extremely brisk, and the demand for steam coal is also improving, as the Admiralty are now consuming Hartley steam coal in the Navy, the natural consequence is an improved demand for that kind of coal, and the prospect for its sale is certainly much better at present than it has been for the past two or three years. With respect to the Iron Trade, although a large business is still going on, signs of weakness in the demand are apparent. At some of the large works on the Tyne mills were standing part of last week, owing to a deficiency of orders; and as new works are rapidly opening out it is feared that this trade will shortly be glutted, unless a favourable change takes place through the termination of the wars in Europe and America. e wars in Europe and America

of the wars in Europe and America.

The wages question among the ironworkers here has assumed a much more favourable aspect lately. The dispute at Consett has happily been adjusted, the puddlers having accepted an advance of 6d. per ton for a certain description of work, and 3d. per ton for work of another kind. This advance, it is understood, does not place the Consett prices in advance of the general prices of the district, but only on a level with them, they having been previously a little lower than the general trade. Generally speaking the men on the Tyne and Wear appear to be content to remain as they are, and, considering the present position and prospects of the

speaking the men on the Tyne and Wear appear to be content to remain as they are, and, considering the present position and prospects of the trade, this seems to be the only feeling compatible with good sense; they will do well, we believe, to keep quiet, and cultivate a better feeling with their employers, as otherwise it is quite possible that a retrograde movement may take place. The disagreeable task of evicting the men who are on strike from their houses commenced at Seghill, on Monday last: the terms offered by the owners not having been accepted by the men, and the latter still remaining in their houses for the long period of eight weeks, this unpleasant operation has been resorted to with the view of getting other men to work in the colliery. It would certainly be a great advantage if this system could in any way be avoided, but the question as to how this is to be effected appears to be a difficult one. At present the dwelling-houses occupied by the men are considered, and are, indeed, actually a part of their wages; it is, therefore, clear that when a man quits dwelling-houses occupied by the men are considered, and are, indeed, actually a part of their wages; it is, therefore, clear that when a man quits the employment he has no claim whatever to remain in the house he occupies. He ought, indeed, to be averse to submit to the degradation of being turned out of his domicile; he ought most certainly to have a spirit superior to this, and this is really the case with the better class of workmen. When a strike takes place this latter class invariably get away as quickly as possible to other works. But a large number, on the contrary, consider it a sort of desirable state of martyrdom, and do not appear to recognise the right of eviction at all. Whether this could be avoided by treating them as tenants, and charging them with rent, either nominally or really, them as tenants, and charging them with rent, either nominally or really, and thus bringing them under the law of Landlord and Tenant, appears

to be a question worthy of discussion. At present every means is used to heap odium on the owners, their agents, and other persons engaged in such a task; often, indeed, intimidation and acts of violence are resorted to, which hardly bring the parties within the action of the law. If some scheme could be devised which would have the effect of altering and improving the relation of employers and men, so far as the occupation of houses are concerned, it would certainly be a great improvement on the present system. This, we think, might be effected by letting the houses to the men for the same term as the term of hiring, and on quitting the employment, they would also be bound to quit the tenements they occupy.

#### REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

APRIL 28.—The orders for Iron continue of rather small amount, and the trade must be described as flat. If, however, the lock-out in York-shire should continue, no doubt the demand would soon be affected; but shire should continue, no doubt the demand would soon be affected; but this is not by any means a satisfactory source of activity. At Wolverhampton, yesterday, a meeting of proprietors of colleries near that town was held for the purpose of considering the present inequality of wages in thin coal mines. It may be remembered that at a number of mines near Bilston an advance of wages was obtained about two months ago from 3s. 3d., the general rate of wages, to 3s. 6d. per day. The reason for this was that the mines at which the advance was sought and obtained are near the thick coal district; and in thick coal mines, probably owing to the greater danger in working, the wages have always been higher. So long as there was a very active demand for coal the masters felt they must yield to the demand; but, as the iron trade is now quiet, and the warm weather is reducing the demand for domestic use, colliers are less in demand, and the masters felt that the exceptional advance must be withdrawn, and resolved to give notice to that effect, and it was decided that if the reduction should not be accepted at some of the collieries where the higher rates are paid all

rery active demand for coal the masters folt they must yield to the demand for domestic use, colliers are less in demand, and the masters felt that the exceptional advance must be withdrawn, and resolved to give notice to that effect, and it was decided that if the reduction should not be accepted at some of the collieries where the higher rates are paid all should be closed until it was. The miners are now acting together through their Union, and the masters appear determined to treat them as a united body. The controversy between Dr. Percy and the South Staffordshire mine agents does not seem likely to terminate as easily as the Doctor will, probably, wish; for he will find that it requires a great deal of science to probably, wish; for he will find that it requires a great deal of science to probably, wish, for he will find that it requires a great deal of science to probably, wish, in prodeing the objectionable paragraph, though the Doctor may have the advantage of Mr. Johnson in deciding how Dane Nature made granito. It is most that advantage of Mr. Johnson in deciding how Dane Nature made granito. It is most that advantage of Mr. Johnson in deciding how Dane Nature made granito. It is most coming of the elightent genables utility to the mining interests of the country is by making the institution popular amongst those connected with the management of mine, its professor almost insertably samme a position ovariaty precision amount with a professor almost insertably samme a position ovariaty precision me which cannot have received the professor almost insertably samme a position ovariaty precision me which cannot have received the professor almost insertably samme a position ovariaty precision of mine, its results of the professor almost received the professor almost insertable to the professor almost insertable professor almost received the professor almost received the professor almost insertable to the professor almost received the professor almost received the professor almost received the professor alm

able paper. No man has had greater opportunities of probing the depths of the South Staffordshire mine agents' knowledge, and no man will be able to wield the information which he has there and otherwise acquired, with more efficiency, or with greater advantage to the district. Mr. Kettle will, no doubt, draw special attention to the subject of ventilation, which Mr. Johnson and others declare ought to be at the minimum. Dr. Percy believes this to be an error, and has often discussed the point with our miners. One of the curses of working the thick coal by "pillar and stail" is spontaneous ignition of the coal. This is caused chiefly, as Dr. Percy thinks, by oxidation of finely divided coal, as in the case of cotton waste; and not primarily and mainly by the oxidation of pyrites, the amount of which is generally small, good thick coal not containing more than ½ per cent. of sulphur. An increase of a few degrees of temperature will greatly promote the tendency to spontaneous inflammation; and such an increase is the necessary consequence of diminution in the supply of air. When once the degree of actual ignition has been reached, the "fire" must, if practicable, be got out, or the work dammed up, or, it may be, the pits scaffolded over. Dr. Percy supplements his letter with the opinions of Messrs. Morton and Wynne, the Government Inspectors, but as their dates are 1851 and 1853 respectively, they can have but little weight in proving the accuracy of what the Doctor wrote from 8 to 10 years afterwards.

Referring to same subject, Mr. F. A. Grayston, of Tamworth, remarks that the collectes in South Staffordshire, like those of any other district, are worked so as to return the greatest amount of proft for the capital invested, compatible with the safety of the workmen, avoiding all superfluous expense. The general shallowness of the mines, and the irregularity of its formation, render it more judicious and remunerative to sink a number of shafts, apportioning to each pair the coal willing the accuracy and as the p

A letter from Paris says that a new difficulty seems to have arisen to

puzzie the brains of the scientific and thwart the experience of working men. An explosion, hitherto without example, has taken place at the iron-works, Tinpley, where Bessemer's apparatus has been employed for years without the smallest accident. In the midst of the fusing operation a tremendous report was heard, and presently a dery torrest was projected from the mouth of the apparatus with such tremendous violence that the whole of the workmen engaged in superintending the operation were more or less fujured. One of them was killed on the spot, while several others are laimed for life, and many were conveyed in great agony to the hospital. The cause of the explosion is about to be investigated scientifically, as it is the first example of the kind which has occurred. A report of the occurrence has been sent in to the Ecole Polytechnique, in order that an enquiry may be made, and different theories duced which may lead to the discovery of the hidden reason of the catastrophe, which cannot be ascribed to accident, and must, therefore, be supposed to have taken its rise in the violation of some scientific law, which has very likely often occurred with insunity, but which has at last manifested itself by the dreadful explosion and loss of life just recorded at Tinpley.

#### REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE,

APRIL 28.—There is a good demand for all descriptions of iron, and merchants are sanguine of a continued brisk trade during the summer, as a large number of orders have been given out this week, the bulk of which are for the Continent and Australia. Unfortunately, however, a great lock-out of ironworkers in Yorkshire has taken place, and about 10,000 persons have been thrown out of employment, in consequence of the Union men refusing to sign the declaration prepared by the masters, promising not to join any Union. Meetings have been held, and denunciatory speeches have been made, against this step on the part of the masters, as an onslaught on their independence. Various measures with the view to a mediation and settlement of the dispute have been resorted to without success, but it is thought the lock-out will not be of long duration, as many men have signed the declaration and resumed work, and it is intended that those who do not will have their situations superseded by the many men have signed the declaration and resulted work, and it is intended that those who do not will have their situations superseded by the introduction of new hands from a distance, or the substitution of machinery. The distress and deprivation amongst the people is very great, and if it continues the other trades and industries in the district will be seriously affected. It is some time since the iron trade was so generally prosperous, and it is lamentable that at a time like the present any district the present and capital should threaten to impair that prosperity. and if it continues the other trades and industries in the district will be seriously affected. It is some time since the iron trade was so generally prosperous, and it is lamentable that at a time like the present any dispute between labour and capital should threaten to impair that prosperity. There is a good demand for sheets and plates, and the armour-plating department continues unabated in activity. For rails we have an excellent demand. The Parliamentary Committee has at length arrived at a decision with regard to the two competing lines which were to open out the minerals of the Drenfield and other districts. The committee have declared in favour of the Midland branch from Chesterfield to Sheffleid, and have thrown out the Sheffleid, Chesterfield, and Staffordshire line. This railway routs will now be made with the least possible delay, and there can be no question but that it will be a great boon to the coal and from masters in the Dronfield district, as it will give them railway facilities for the carriage of their minerals, which, up to the passing of the bill, there was no probability of their given the major of their getting. The scheme of the Sneffleid and Staffordshire, between which county and Sheffleid an enormous trade is done in minerals, the great buils of which are now carried by the Midland. During the examination of witnesses, a very curious fact was deposed to by Mr. Brown, of armour-plate celebrity, who said that his firm alone paid the Midland Company about 50,000?, per annum for the conveyance of the raw and manufactured material in connection with their works.

A meeting of representatives from the workmen "locked out" in the various ironworks in the West Riding, was held on Thursday at Bradford, under the presidency of Mr. Kane, president of the National Iron Workers' Association. Two resolutions, which were transmitted by telegraph for presentation to a meeting of ironmasters, which was being held at the Palace Hole, Westminator, were passed. By the first of these resolutions, the

# REPORT FROM MONMOUTH AND SOUTH WALES.

The demand for coal continues very active, not only for home but for distant markets. The shipments of coal to foreign stations is also improving.

REPORT FROM MONMOUTH AND SOUTH WALES.

APRIL 28.—The staple trades of the district continue in a moderately satisfactory state. The langour which characterised the Iron Trade a few weeks ago has not completely passed away, but it appears that buyers show less disposition to hold back their orders, more especially on American account, the requirements of the latter country being, no doubt, pressing and immediate. There is an average enquiry for tin-plates, and both the steam and house coal proprietors are well supplied with orders. The labour question is still a source of great difficulty to the employers, and the men are out at several of the smaller collieries. As reported last week, the colliers have formed an association with the view of assisting one another to emigrate, in order, of course, to reduce the competition in the labour market, and there is no doubt that hundreds of families will leave the district within the next few months. This is a serious matter for the employers, but it is evident that they cannot do anything more than they have done to stem the tide of emigration. Mr. Henry Austin Bruce, M.P., the new Vice-President of the Council of Education, in thanking the electrons of Merthyr for his re-election on Monday, referred to the disputes in the iron and coal trades, and strongly advised the workmen not to have anything to do with Unions that interfere with the relations between the employers and employed. It is to be hoped that the colliers, puddlers, and miners will act upon this recommendation, and then it is quite clear that less will be heard of these disputes, which are continually arising.

A new Arsenic Works, built by Messrs. Douglas and Co, has just been opened at Llanelly. Messrs. Rosser and Co. are the proprietors, and it was been given by a superior of the proprietors of South Wales. If the attempt to supersede manual labour in collie

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The next cases will be Mr. F. Tothill, of Bristol, Mr. Larchin, and others,

The next cases will be Mr. F. Tothill, of Bristol, Mr. Larchin, and others, and it is understood that the same will be governed by the result of the appeal. It appears the money already spent in this litigation would have been more than sufficient to pay all the company's debts at the outset.

The improved slate-cutting machinery invented by Mr. Geo. Hunter, of Arbroath, is about to be set to work at the Braich Ddu Quarries, Tany-whele, the machine has been manufactured by Messrs. Manro and Co., of Arbroath Foundry, and is the largest machine of the kind yet made; on its axle are fixed four discs of 4 it. In diameter, and into each of which are inserted 28 cutters. The principal improvement in this machine is that the tools are made to cut up the stone instead of down, that being found to produce better work. When pure slate has to be operated upon the machine will, it is estimated, cut a block 14 ft. long, 3 ft. wide, and 1 ft. thick, and divide it into fave slices in three minutes. At Braich Ddu the capabilities of the machine will be through it from ½ in. to 1 in. thick. The rock is very stiff to cut, and before Mr. Hunter's machines were invented the task was impossible, the granits veins having then been thrown away as useless. It is now cut up into without importance to other quarries producing low-quality slates.

The keel of an irron vessel has been laid in Messrs. Scott Russell and Co.'s iron shipbuilding yard at Cardiff, and in a short time a large number of akilled

The keel of an iron vessel has been laid in Messrs. Scott Russell and Co.'s iron shipbuilding yard at Cardiff, and in a short time a large number of skilled hands will be employed by this enterprising firm. Iron ships are also being built at Messrs. Batchelor Brothers' and Messrs. Hill and Sons' yards, and this branch of trade promises to become an important one before long at this port. It is rumoured that Messrs. Laird Brothers, the eminent shipbuilders of Liverpool, are in treaty for land, with the view of constructing an extensive dry dock at Penarth.

The arrivals at Swansea include—the Countess Bective, from Cuba, with 460 tons of copper ore and 66 tons 9 cwts. of copper regulus, for the Cobre Mining Company; Joseph Thompson, from Guayacan, with 610 tons of invogent copper in bars, for Messrs. Henry Bath and Sons; Jenne Baptiste, from Nastes, with 45 tons of iron ore to order; Collins, from Cherbourg, with 300 tons of iron ore, for the Dowisis Iron Company; Rose, from Santander, with 160 tons of Iron ore, for Mr. Bichard Cowell; Couero, from Almeira, with 69 tons of copper ore, for Messrs. Elford and Co.

#### FOREIGN MINING AND METALLURGY.

M. Cederlund, the Consul-general of Belgium, at Stockholm, has just addressed to his Government a report, which states, inter alia, some interesting details with reference to the metallurgical industry of Sweden. The commercial relations between Belgium and Stockholm are of no great importance. During the past year (1863) the exports slightly diminished, while, on the other hand, the imports have followed in Sweden a progressive course. The exportation of metals from Sweden amounted in 1863 to 98,822 tons, being a diminution of 13,386 tons, as compared with 1862. Of iron the exports amounted in 1863 to 92,924 tons, while the corresponding total for 1863 was 102,970 tons. The principal deliveries of this metal were made to the following countries:—

were made to the following countries :			
Direction of exports.	1863.		1862.
EnglandTons	31,000	· · · · Tons	36,500
France	13,070	***********	15,680
Portugal	10,750		9,750
Denmark	9,600		8,890
Hanse Towns	8,000	***********	5,490
Prussia	6,450	**********	7,870
Low Countries	5,110	***********	3,730
Italy	3,140	**********	870
India	2,360	**********	6,810
Brazil	1,550	**********	990
Turkey	1,490	**********	1,160
Mecklenburg	1,320	***********	1,680
Russia	940	**********	420
America	870	**********	-
Hanover	540	**********	920
Africa	270	**********	1,090
Belgium	150	**********	280
Spain	140		60

Africa 270 1,090

Belgium 150 280

Spain 160 50 280

It results from this comparison that there was last year an augmentation in the deliveries to Portugal, Denmark, the Hanse Towns, the Low Countries, Italy, &c., and a dimination in those to England, France, India, Belgium, &c. The exports of iron in bars from Sweden amounted last year to only 83,660 tons, against 94,860 in 1862. The stock of iron in bars which remained on hand January 1, 1864, was estimated at 56,070 tons, being an augmentation of 6640 tons on the stock on band at the commencement of 1863. The future course of the Swedish iron trade depends greatly upon the turn which affairs may take in America and India. The export of rough pig attained last year a total only 5130 tons, of which 4100 tons went to England. The price of ordinary pig has been about 51.38. 3d. per ton free on board. The stock on hand at the commencement of 1864 was estimated at 2000 tons, and as there has recently been a suppression of export duties in this branch of the Swedish iron trade, the expense of shipment are expected to be reduced two-thirds. The export of steel from Sweden in 1863 amounted to 3530 tons, nearly the same quantity as was sent abroad in the previous year. The stock on hand at vector of the same quantity as was sent abroad in the previous year. The stock on hand at the commencement of 1864 was 4625 tons. The price of hammered Swedish steel averaged last year 141.78. 3d. per ton, and this quotation will, probably, be maintained during the next season. Steel, Milan fashion, still sells at reduced prices. The exports of copper, moiten and in lugots, from Sweden, amounted in 1863 to only 1190 tons, being a diminution of 80 tons, as compared with 1862. Of these exports, the greatest part were directed towards the port of Stettin. The stock on hand at the commencement of 1864 amounted to only 64 tons; prices will, probably, continue to be regulated according to the course of the English market.

From Charleroi it is stated that the rolling-works having assured

From Charleroi it is stated that the rolling-works having assured themselves supplies of refined pig by concluding contracts as soon as there was an appearance of an advance, affairs have been comparatively quiet for some time; nevertheless, a quotation of 3l. 10s. per ton remains firmly supported, and if purchases are made below this rate, the transactions only refer to ordinary qualities. Several contracts for rails are understood to be in course of negociation, and it has been found necessary to refuse others, in consequence of the too limited periods in which deliveries must be made. The coalowners are murnuring against the Belgian Government, which, absorbed by party pre-occupations, has, they contend, sought to do nothing as regards the home trade to improve railway tariffs, or as regards the foreign trade to advance the period for the purchase of the navigable communications uniting Charlerol to Paris. Contracts are being completed in the Lower Sambre of ordinary coal for briquettes; deliveries for the fabrication of lime are only commencing. Reliance can now be placed only on the ordinary coal formished every day by extraction; stocks have completely disappeared, and, moreover, it is known that the total extraction has been sensibly reduced. A public adjudication will take place at Brussels, May 11, of a contract for the delivery of briquettes, rich coal, half-rich coal, and coke, for the East Belgian Railway. The Lifege workshops are reported to be wanting a little more activity. Casting pig is quiet, 3l. 16s. per ton is easily obtained, but the upward tendency which has appeared of late is not sustained. New rolling-works for rails have just been put in activity by the Châtelineau Company. This establishment can now produce 2500 to 3000 tons per month. Considerable attention continues to be devoted to the desirability or otherwise of establishing a metallurgical market at Brussels. Opinion, as it finds expression in the journals, appears to be divided on the subject. Thus, the Union of Charlerol suppo selves supplies of refined pig by concluding contracts as soon as there was an appearance of an advance, affairs have been comparatively quiet for

subvention of 20001, in order to secure an extension of the line as far as its wails. The new line will be altogether 364 miles in length. We published at considerable length last week the annual report of the Rive-de-Gier Coal Mining Company; the document, it will be remembered, was of rather a discouraging character, and we may note that it has hed the effect of causing a considerable fail in the shared quirier the last few days. has had the effect of causing a considerable fall in the shares during the last few days. The profits of the concern foll in 1863 to what is regarded—having reference to the prosperity of the past—as the meagre sum of 24,000l.; but it is hoped that future years will not involve such unfortunate results for the company as 1853 produced. Some altusion has already been made under this head to the position of the concern known as the Societé Générale des Mines de la Loiro. Here, again, it may now be added that the results of the past exercise were less favourable than those of 1862. Various accidents arising from torrential rains occasioned a suspension for nearly a month of the St. Etienne Mines; and the company also sustained losses from fires in the concessions of the Gaillard-quartier, Montasison, and Villars. The sale also fell off when the company was in a fair way to seasiff in part, the losses sustained by the inundation. Nevertheless, the disposesable from torrential rains occasioned a suspension for nearly a month of the St. Etienue Mines; and the company also sustained losses from fires in the concessions of the Gaillard-Quarter, Montasion, and Villiars. The sale also fell off when the company was in a fair way to regain, in part, the losses sustained by the inundation. Nevertheless, the disposeable profit for the year amounted to 40,2501, which enabled a dividend of 98. 6d, per share to be paid, 18501, being carried forward to the credit of 1864. At the annual meeting of the Carmanx Mining Company a dividend of 184. 3d, per share was declared for 1863. It was stated that it was deemed advisable for the present to restrict extraction operations, in order to leave the field more open to other works, which will give the working a more considerable power of production. The extraction only amounted to 135,000 tons in 1863; but when the works alluded to are completed it is expected that the production will easily be carried to 200,000 tons. The cession of the short line of railway owned by the concern to the Southern of France Railway Company has been already decided on in principle; it only remains definitively to fix the price to be paid for it. The scarcity of buyers, and the persistent offers of producers, have provoked a fall in pig at St. Dizer. An affair of 300 tons of charcoal-made pig has been concluded at 41. 14s. 9d. per ton. Every week it appears that the introduction of coke makes fresh progress at St. Dizer. Two furnaces in the neighbourhood of Joinville are about to occupy themselves with a mixed fabrication, in pursuance of orders received. One of them has placed its products at 41. 6s. 6d., and the other at 41. 8s. 6d. per ton, the deliveries to be made in the course of the next few months at the station nearest the vendors. Prices of iron remain without variation at St. Dizier. Orders are restricted, but at the same time no establishment finds itself at present under the necessity of reducing its fabrication. The Eastered the next few months a

of Hayange; Dupont and Dreyfas, of Avs; Strohl, of the Franche-Comté; Germain, of Commentry; Hochet, of the Berry; Schneider, of Crousot; de Bouchand, of the Loire; and Besofat d'Azy, of the Gard. The forgemasters of the Haute-Marne have delegated the Baron Lesperut to represent them in the committee.

Chilian copper has experienced a rather severe depreciation during the last few days at Havre, and the sale is mentioned of 120 tons of disposeable at 94L per ton, while 17½ tons, to be delivered at a future date, have been dealt in at 94L to 95L. Lake Superior has been a little firmer, and a small lot, Minesota mark, has found a purchaser at 13L per ton. The Paris market is without large affairs, and prices have followed a downward course, in consequence of the feebleness of the English market. The last quoted rates were—English, in plates, 99L; Lake Superior, 126L; rough Chilian, 94L, and Corocoro mineral, 99L per ton. At Amsterdam, the copper of the Society of Commerce is he'd at 57½ fis.; nevertheless, at this price sellers do not present themselves; a lot of 12 tons of Drontelli of copper in England has provoked a reduction of 2 marks banco on preceding prices, but affairs still resnain quiet. Few buyers have presented themselves on the German markets, and previous prices have been generally reduced 2 to 3 thalers. At Trieste, copper has been dealt in, according to quality, at 62 fts. to 66 fts. per cwt. At Amsterdam and Rotterdam some hundreds of blocks of Banca tin have been sold during the last few days at 68½ fts., at which price there remained sellers: English and Billiton have been quoted at 68½ fts., at which price there remained sellers: English and Billiton have been quoted at 68½ fts., at which price there remained sellers: English and Billiton have been quoted at 68½ fts., at which price there remained sellers: English and Billiton have been quoted at 68½ fts. Russells and the colored price there of the force of the forc

#### A NEW IRON IMPROVER.

We some time since alluded to the introduction by Mr. Robert Mushet, of Coleford, of the system of using a certain proportion of Ilmenite in the blast-furnace to improve the quality of the iron produced, and it has now been proved beyond question that the result of the admixture is a very superior class of iron. Indeed, the experience of several years has convinced Mr. Mushet that a degree of tenacity, strength, and body is secured by the use of pure oxides of Titanium in combination with the ordinary ores of iron, which can be obtained in no other way. Ilmenite, the most abundant ore of Titanium, is that to which Mr. Mushet naturally gives the preference, since as much of it is composed entirely of Titanic acid, with pure oxides of iron, the compound is, consequently, altogether free from deleterious ingredients. The great advantage which the use of Titanium ore possesses over almost every other iron improver is that the operation of smelting is carried on in precisely the same manner as usual, the ore simply being mixed with the bulk being smelted in the proportion of from 2½ to 10 per cent., according to the nature of the ore used, and the character of iron required to be produced. We some time since alluded to the introduction by Mr. Robert Mushe

iron required to be produced.

The successes attending the use of the new material have induced a iron required to be produced.

The successes attending the use of the new material have induced a Birmingham company, styled the Titanium Ore Company, to undertake its supply to the trade generally, and, judging from the recorded results, there can be no doubt that a very extensive trade in the article will spring up. Thus, when only 7½ per cent. of the Ilmenite was added to hematite iron ore, the pig-iron produced was simply puddled, and the puddle bar drew sound and clear to ½ in., and was found to possess the extraordinary tensile strength of 44 tons to the square inch; in another case where carbonate of iron was substituted for hematite iron ore, the tensile strength was no less than 47 tons to the square inch. Applied in the manufacture of steel, the addition of a suitable proportion of Ilmenite raises, the tensile strength of given steel to the extent of from 20 to 30 tons per square inch, and yet the Ilmenite steel can be produced at a lower price per ton. The company in question supply three classes of the Titanium ore, all containing from 43½ to 45 per cent. of oxide of Titanium, but varying in the proportion of the protoxide and peroxide of iron to each other, so that there is every facility for suiting the Ilmenite ore to the iron ore at the manufacturer's disposal. It has already been mentioned that the Titanium ore can be used as if it were an ordinary ore of iron, but it should be added that it may also be employed in other ways. It appears that when used in the blastfurnace from 2½ to 7½ per cent. of the Ilmenite is added to the ordinary working ore burden of the furnace, but generally 2½ per cent. is found to be sufficient to effect a marked improvement; in this case it is not even necessary to inform the workmen that any change of the ore has been made, though the resulting product will afford ample evidence of the fact. Or the Titanium ore can be crushed fine and blown in through the tuyeres, and it is found that when used in this way the result upon every class of pig-iron is really extraordi pig-iron is really extraordinary.

# INSTITUTION OF CIVIL ENGINEERS.

APRIL 26,-Mr. J. R. McCLEAN (President) in the chair.

The first paper read was "On the Structure of Locomotive Engines for

The first paper read was "On the Structure of Locomotive Engines for ascending steep inclines, especially when in conjunction with sharp curves on railways," by Mr. J. Cross.

After alluding to the torsion on the axles of ordinary locomotives when traversing curves, to the rapid destruction of tires and rails, and to the diminution of haulage power, owing to the wheels becoming rail-bound, the author proceeded to describe in detail an engine fitted with Adams' radial axle-boxes and spring tires, which had been built for use on the St. Helens' line. This engine was on eight wheels, with a rigid base of 8 ft. only, being the distance between the centres of the coupled wheels, while the actual wheel base was 22 ft. The radial axle-boxes were only a little larger than ordinates of 7 ft., which the axle-box guide blocks were curved to fit. The boxes were allowed to play laterally 4½ in. on each side; and the spring pin, instead of being fixed on the top of the box, was fitted with a small slide or roller, so as to allow the box to traverse freely from side to side under it. Each axle-box weighed 3½ cwts., and the only additional parts were the spring pin rollers. While the engine was moving at high speed, the boxes had an incessant lateral vibration. By the use of spring tires an additional lateral motion was also possible, and such tires gave a better grip on the rail, as by slightly flattening under the weight of the engine, they presented more surface for friction. This engine was constructed to traverse curves of 200 ft. radius, but had gone round one of 132 ft. radius, and was then free from all jerking motion; was perfectly steady at 60 miles an hour on straight lines without a train attached; had taken sever carriages with a lode weighing 72 tons up a gradient of 1 in 36, combined with a curve of 440 ft. radius; and had been on regular duty on the St. Helens' line since Nov., 1868.

of 440 ft. radius; and had been on regular duty on the St. Helens' line since Nov., 1863. The second paper read was "On the Impedimental Friction between Wheel Tires and Rails, with plans for improvement," by Mr. W. B. Adams. The author thought that the chief source of destruction in rolling stock and permanent way, apart from disproportionate weight, arose from the blows and friction between the wheel tires and the ralis—that was, jumping and sliding. This conclusion was verified by the contrary results practically obtained on the main line of the North London Railway at Bow. He considered that the best mode of preventing the blow was to provide for elastic resilience immediately over the tire benesth the wheel, and immediately under the rail, taking care that the rail joints were elastically supported by fishes of sufficient depth; a continuous elasticity which could only be obtained by discontinuous supports, saw with the double-headed rail on an elastic base - the flat footed and bridge rails with continuous supports not being adapted for it; and that the rail thus elastically supported should be in itself as rigid as possible. On the North London line this desirable result had been obtained by laying down longitudinal timbers on the ordinary cross sleepers, and placing the rail supports not on the cross sleepers but between them; supported should be in itself as rigid as possible. On the North London line this desirable result had been obtained by laying down longitudinal timbers on the ordinary cross sleepers, and placing the rail supports not on the cross sleepers but between them; the cross sleepers but petween them; the cross sleepers but petween them; the cross sleepers but not between them; the cross sleepers firm and unmoved, in marked contrast to the rails laid in the ordinary rigid way. He argued that the sliding, or frictional movement of the tires on the rails, could only be completely guarded against by permitting each wheel to revolve separately, or by permitting the tires to slip on the wheels, and at the same time providing for end play of the axies between the rails, in such a mode that the rails might govern the flanges, and keep the several axies at right angles to the rails, whether on straight lines, or on curves. This had been accomplished by applying a hoop spring of tempered steel between the wheel and tire, enabling the tire to slip round on the wheel, or the wheel to slip within the tire, and the tire slightly to flatten in the case of driving-wheels, and to rock latorally to fit an unequal surface of rail. These results had been practically verified on the North London and the St. Helens' lines, where Staffordshire tires under elastic use had far exceeded in durability Krupp's best steel. In conclusion, he remarked that the sleepers, or foundations of the permanent way, could not be too firmly or too rigidly bedded; and that Iron or stone blocks, as in the original system, chemically durable, might be advantageously substituted for timer, if clastic resilience were provided. The results of the cross sleepers firmly packed under the elastic superstructure, where the wheel pressure was distributed over two sleepers, instead of resting on one, demonstrated the advantage of a perfectly solid foundation.

THE ASSOCIATION FOR THE PREVENTION OF STEAM-BOILER EXPLO-THE ASSOCIATION FOR THE PREVENTION OF STEAM-BOILER EXPLOSIONS.—The last monthly meeting of the executive committee of this association was held at the offices, on Tuesday (Mr. H. R. Greg in the chair), when Mr. L. E. Fletcher, chief engineer, presented his report, of which the following is an abstract:—During the last month 199 engines had been examined, and 313 boliers, eight of the latter being examined specially and one of them tested with hydraulic pressure. Of the bolier examinations, 253 have been external, nine internal, and 51 thorough. In the boliers examined 140 defects have been discovered, seven of them being dangerous. Four dangerous cases of fracture occurred at the seams of rivets at the bottom of externally-fired boliers. In three of these cases the injury manifested itself in leakage, and

in cracks at the rivet holes, some of them extending for as much as 12 in. into the plate in the fourth instance, one of the plates over the fire rent completely through from an end to the other at a transverse line of rivet-holes, the rest gaping open about three-line of an inch. A boiler lately put under the charge of the association was found on the flat there will be a second the second of the danger of setting boilers on midfeathers. An explosion took place of feet got of the report drawn up by the two engineers offically appointed to examine the boiler as investigate the cause of explosion, from which it appears that the cause of the explosion was simply the insufficiency of the boiler, especially when it is added that old crash, about 5 feet long, were found running along the sides of the flue, and which had be patched with plates bearely ¼ in. in thickness. The boiler was evidently malconstruction in the first place, and its condition neglected in the second, and hence the explosion, which competent inspection could not have failed to prevent. For the past month I have loop of one explosion, by which one man was killed and three others injured; but as the courted at a long distance from Manchester, it has not been personally investigated.

Manchester R Geological Society.—A meeting of members was held

occurred at a long distance from Manchester, it has not been personally investigated.

MANCHESTER GEOLOGICAL SOCIETY.—A meeting of members was held on Tuesday at the Museum, Peter-street,—Mr. A. Knowles (the President) in the chair. Mr. Altken exhibited some horns, apparently of deer, which he said were found in the valley of the Irweil, near Rossendale, 6 ft. from surface, in a bed of valley gravel. The river appeared to have moved its ocurse frequently in the valley, and in the excavation for a drain the horns had been found. The gravel was strong and heavy. A home had been found in connection with the horns, which were, in all probability, those of the red deer, which tradition said had been abundant in the valley.—Mr. Plant said then was no doubt that one of the specimens shown was the core and part of the skull of the bos primigenius. The others were the horns of the red deer of Sociland.—Mr. W. R. Barr read the paper "On the Quaternary Deposits of the Valley of the Mersey, neg Stockport." Mr. Barr explained that he used the word quaternary instead of the ambiguous word posteritary. He described the formation of the district, and the depeting and and gravel in three terraces, which were severally 130, 170, and from 220 te20standove the level of the sea. From the contour of the country he argued that there was evidence of the action of the sea, which at one time covered the district. An interesting discussion followed, and a vote of thanks was passed to Mr Barr.

At the Royal Geological Society of Ireland meeting, Mr. E. Reynold.

At the Royal Geological Society of Ireland meeting, Mr. E. Reynolds At the Royal recological Society of Ireland meeting, Mr. E. Reynolds read a communication upon "Thailiferous Pyrites, from Bailydehob, county Cork." It said that he had examined several Irish ores for this element since be had laid his last notice on this subject before them, in 1863, but that the present specimen was the only one in which he had succeeded in discovering thailium, and here only in small quantity. The President remarked that as Mr. Reynolds had kindly brought apparaist for exhibiting some experiments with spectral analysis, it would be better to adjourn the meeting at once, so as to afford the Pellows and visitors an opportunity of leaving their seats to see the experiments. The meeting was accordingly adjourned, and the gentismen present spent some time in examining the apparatus, &c., and seeing the specim afforded by some of the rarer metals.

# MINING NOTABILIA.

[EXTRACTS FROM OUR CORRESPONDENCE,]

[EXTRACTS FROM OUR CORRESPONDENCE,]

GREAT WHEAL VOR.—The adventurers are very fortunate in the development of Wheal Metal. Important information has been received that a splendid lode has been already cut below the silde, at Ivey's shaft. Should this lode hold down in depth, as it has under similar circumstances at Metal shaft, the permanency of the mine is established, and will be a lasting and profitable adventure.

The Vigera And Clogad Company have received from the mines this week 17 ozs. 13 dwts. of Gold, from 15 cyts. 1 qr. 19 lbs. of quartz.

GWYNFYNYDD (Gold).—Another rich discovery of gold has been made at this mine, in what is now called Chidlaw's lode. This makes the fourth lode in this set in which visible gold in appreciable quantities has been found. Two of the lodes an of very large size. Four large Britten's machines are to be erected as soon as possible. These discoveries have produced, probably, greater excitement in the usually quiet town of Dolgelly than anything heretofore known. The inhabitants, almost for the first time, are becoming bold in their investments. It is not very surprising that they should, for the proprietors very readily accede to the requests of parties to be admitted on the mine, where the discoverer, Griffith Williams, recently promoted to the rank of capisain, triusphantly displays the "treasures of the rocks to their astonished gaze." Tourists are being attracted airendy to the celebrated waterfails, Putil-y-Cain and Rhiadr Mawddach, both of which being on the mines. John Jones, of Tyn-y-groes, "Guide-General to the Falls," for 2s. 6d. makes the falls doubly attractive by the golden legends he relates of their new Halriab. John Jones expects a glorious summer; he will, probably, increase his feeto 3s. 6d., and he richly deserves it, for inducing an extension of the tour to 0id Cwmheisian, where the adventurers have at last been rewarded by the discovery of some beautiful specimens of gold in the blende on this old mine, which came from the 40-ft, wide junction of iod

ode at the east mine. At the Welsh Gold some more rich stuff has been found in their shaft,

mens of gold in the blende on this old mine, which came from the 40-ft. wide junction of tode at the east mine.

At the Welsh Gold some more rich stuff has been found in their shaft. At the Welsh Gold some more rich stuff has been found in their shaft. At Glasdu they are very busy preparing for dressing copper ores.

Prince of Wales.—The stamps and amalgamating barrels are nearly completed, and it is expected that operations will be commenced in about a fortnight. Clood.—Another rich shoot of gold is reported.

Castell Carn Dochan.—This mine maintains its promising appearance, and will soon make its first return of gold. Some beautiful stones of gold have been raised this last week. The foundations of the smail engine-house are laid, and preparations are making for the large buildings for the stamps, &c.

At Whell Rose the prospects are splendid, and the amount of ore discovered valued at above 80,000l. The agents at the meeting, on Tuesday, stated that 80, golg west, might be valued at 100l. per fathom. The 70 end weat is close to Great North Downs boundary, and the 60 west is stoped to within 2 fms, of said boundary, and suspended, worth 30l. per fathom. Mr. Waters, who holds considerably more than two-thirds of Wheal Rose, in proposing "Success to neighbouring Mines," stated had recently purchased 800 shares in Great North Downs.

East Chiverron.—Captain James Nancarrow (April 22) reports:—We have dnished cutting the plant in the 35, and have commenced to sink for a deeper level. We have anso of triven west on the south lode 35 fathoms, but this end is now suspended for want of air. We have also put four men to take up an addit level level. We have also put four men to take up an addit level level. We have also put four men to take up an addit level level. We have also put four men to take up an addit level ended to soon get under the rich or a ground gone down in the level above. Should the winze from the 20 bold good to the 30 a most valuable mine will be laid open. Cape Cornwall (St. Just).—The surface wo

ations. The "bears" persevered much, but the property, like a Phonix, rose gradually and silently from its ashes, making it, indeed, hard for them to bear. Now many of these "bears" are "bulls," and at this moment, like unhappy Tantaius (for the water as been near them this week) are in a fearful state of anxiety. As with poor Tantaius, ow lift it be with the "bulls."—FEREN. has been near them this week) are in a fearful state of anxiety. As with poor Tantalus, so will it be with the "bulls."—FLIX.

It is with no slight decree of pleasure we announce the starting again of the well-known Houtrond Mine, in the county of Tipperary, as we are at laway slad to chronicle anything relative to this peculiar branch of national industry when faithfully and honestly carried out. This mine was first worked by the late Holyford Company in 1846. The operations were continued with great success up to 1857, and large profits were annually divided among the shareholders; but it being then requisite to considerably extend operations, the shareholders being few, at once became frightened and refused to subscribe further capital; the consequence was the workings ceased, and the lease became forfeited. It has obtained the high position of being considered one of the richest mines in the United Kingdom, the ore sold averaging 184, per ton. This mise has been leased to a party of English and Irish gentleman at a royalty, to induce them to embark in the undertaking; and as Ireland, doubtless, contains as much mineral wealth as any other country, we trust that, under its present efficient management, the time is not distant when the mine will regain its former position in the Dividend List.

The HAVAN MINES sampled their first parcel of silver-lead ore, 50 tons, on Monday, the result of one month's crushing. Their mines have further improved in the bottom levels, and with the completion of the dressing-floors and machinery, and materially increase, and pay good dividends to the fortunate shareholders.

Chane.—For some time past this mine has not looked so well as formerly, and for the last two or three months has been decidedly poor, although the lodes have improved in composition and in those characteristics most favourable for the deposit of ore. During the last week or so, however, considerable improvements have been near the series abade. It is not the provision of the prost inversal to the prost in th

merly, and for the last two or three months has been decidedly poor, although the lodes have improved in composition and in those characteristics most favourable for the desposit of ore. During the last week or so, however, considerable improvements have taken place in some of the most important parts of the mine—in the Brigan shaft, in the 50, driving west, and in the 30 im. level, driving west. The lode in the bottom of the Brigan shaft is now about 3½ ft. wide, with a small leader of copper ore, and is looking better than at any previous time during the working of the mine. Any discovery of ore in this lode—which also passes through Soton and West Seton, and should more properly be called the Seton than the Brigan lode—is of the utmost importance, seeing the immense returns which have been made from those mines. In the 60 fm. west, on the Crane lode, the lode has increased in width 3 ft., in connection with the elvan, and is now producing very good stones of lead and mundle, and thickly impregnated with copper ore. This level is now approaching the direction of the bunch of ore gone down in the bottom of the 30, and passed through that level some months since. There is as yet no level driven to any distance between the 30 and the 60, the 50 fm. level having been scarcely driven at all, although it has produced a considerable quantity of copper ore even in this small distance. A week or so since, in bringing up a lobby in the valley to the west of Crane, and between it and Wheai Hartley, the elvan course was cut, and also two lodes producing yellow and black copper ore, mundic and spar at surface. This is most important, for both these mines very greatly increase the value of each of them.

Roskear.—This mine is opening up even more satisfactorily than the

spar at surface. This is most important, for both these mines very greatly increase waite of each of them.

ROSKEAR.—This mine is opening up even more satisfactorily than the most sanguine shareholder could have expected. In the 30 fm. level, driving west, the lode is worth fully 15t. to 17t, per fm. At this point there is a good course of ore upwards of a foot wide, the lode also producing tin. The copper is a yellow authorist of very high quality, and possessing all the characteristics which in this district point out a lasting course of ore. There seems to be every probability that this mice will again be as rich, if not richer, than in its former workings. There are four known lods in the sett which have never been worked on, and which are parallel to the lode from which the large returns were made in the last working and also to the rich lode working the control of the settle of the settle state. It was connection with this elvan course that the large returns have been made on this rous subject to its indisence highly productive in the western boundary of the sett. Taking all these facts into consideration, and seeing that the lodes are in the same strate of

AI ground par North Ros has been r reason to laddition to detable que the tinstu will pay to FRAN! the two co 40 fms. in in; when bottom pr may be ex of No. 1, a lead mines NANG At G The utmos The opinion and lastin At B

improvem the stones has impro congenial the first t WHE. the quarte it has now well. A provemen This is no in the m Kitchen a portion no shaft to is NEW lately ope and I beli command saw this l Devon Gi HAYI making a of gossan, more that off in the suspende

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ground parallel to and intersected by the same cross-courses as those of Dolcoath and North Ecakear—from the former of which mine upwards of 5,000,000f, worth of mineral North Ecakear—from the former of which mine upwards of 5,000,000f, worth of mineral scheme in the control of the camborne district. In addition to the returns which are being made as above mentioned, there are also considerable quantities of tin being returned from the burrows left from the last working, the instauf in these burrows producing 2% to 3 cwts. of tin for 10 tons of staff. This the instauf in these burrows producing 2% to 3 cwts. of tin for 10 tons of staff. This is two counties. A fine lode has been intersected at the 100, and driven through for the two counties. A fine lode has been intersected at the 100, and driven through for its when finished the shaft will be immediately sunk to the next level; the lode in the being presenting appearances better than ever seen in the mine before, and a good lode may be expected in the 110 fathorn level. There was sampled, on Wedneaday, 100 tons are presented in the 110 fathorn level. There was sampled, on Wedneaday, 100 tons (No. 1, and 70 tons of No. 2. The sales of the present quarter will realise 3800). Few leaf mines are making larger returns.

At Great South Chiverton the works are being pushed forward with the utnost dispatch, and increasing confidence of cutting the lode rich when intersected. The opinions of the neighbourhood are unanimous in believing it will prove a great and issuing mine.

The opinions of the neighbourhood are unanimous in believing it will prove a great and lasting mine.

At BULLER AND BASSET UNITED MINES there has been an important improvement in the south lode; several shareholders have examined the specimens of ine stones of copper ore at the office, and are much encouraged thereby. The south lode the stones of copper ore at the office, and are much encouraged thereby. The south lode the stones of copper ore at the office, and are much encouraged thereby. The south lode the stones of copper ore at the office, and are much encouraged thereby. The south lode the stones of yellow copper ore have been met with in these mines. WHEAL REETH.—An important improvement has taken place here. At the quarterly meeting, held about a month ago, the 190 east was valued at 101, per fm.; it has now improved to from 801, to 901, per fm., and the other eastern levels are looking it has now improved to from 801, to 901, per fm., and the other eastern levels are looking it has now improved to from 801, to 801, have now risen to 804, and 904, each. Provent of the state of the stat

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and I believe in the cross-courses' at a fair depth. The former workers never saw this lode (beyond the depth of a few feet), although it is the nearest lode to the Devon Great Consols.

HAYE VALLEY (Callington).—The operations here have hitherto been making an open-cutting into a hill, and working quarry fashion 5 fms. deep, in a mass of gossen, intermixed with tin, more or less, and of which we have sold £1200 worthmore than sufficient to meet the expenses. Of late, however, there has been a failing off in the returns of tin, and there not being enough to pay, operations upon it have been supened. And in order to prove the mine at a deeper point—say, 15 fms.—we have resumed driving the adit level into the hill east, and no doubt we shall ere long discover gone well-defined and requirally settled lode or lodes. Our expenditure is, of course, residued to the smallest possible amount. All the largest shareholders continue their heldings, with the view of fully testing the ground, as the indications are of an extraordinarily favourable description. My decided opinion is that this mass of gossan is cased by the junction of two east and west copper lodes and a large cross-course, and the same and the proper lodes and a large cross-course, and the same and the proper lodes and a large cross-course course, and the same and the s

NOVA SCOTIA LAND AND GOLD CRUSHING AND AMALGAMATING CO.-Nova Scotia Land and Gold Crushing and Amalgamating Co.—
The managing director states in his advices by the present mail, should his expertations
be realised, the remittance by next mail will be largely in excess of that forwarded by
the mail on the Slat uit. In reference to the new ground at Oldham, the agent there, Mr.
Higgins, makes the following important communication:—"The work on the Hail claims
has been vigorously prosecuted during the past fortnight, but not with satisfactory results.
This led me to the conclusion that the true position of the Hall vein in the west part of
our ground was a short distance either north or south of the present workings, whereupon I employed three men to prospect for the vein. This was on the 12th inst. On
the following day I was cheered with the intelligence that a very small vein, showing
visible gold, was found 10 fts. south, and about 20 ft, west, of our present workings. This
was speedily followed by a second, and then a third vein, all exhibiting fine disseminating
gold. These three veins form a group within a distance of 1 ft. 6 in., and although small
are very rich. You will have some idea of the effect of this discovery when I inform
yea that the claim joining our ground on the west suddenly rose in value from a nominal
price to \$5000."

gold. These three vens form a group within a distance of its, and shared are very rich. You will have some idea of the effect of this discovery when I inform you that the claim joining our ground on the west suddenly rose in value from a nominal price to \$5000."

RHENISH CONSOLS.—G. Sweet, April 26: Bliebach: We are passing through the lode in the cross-cut driving north from the adit level, and it is producing excellent stones of lead and blende, but it is not yet cut through, consequently I cannot state its value. We are making good progress in sinking the shaft. There is no alteration in the deep adit cross-cut. The leat to bring the water to work the wheel at Christiana is almost completed. The launders are in progress, and we are now building the loading for the wheel. I hope by the end of May everything will be completed to pump the water out of the shaft.—James Watt: The new shaft is between 3 and 4 inch gold in a soft sandstone, and easy for sinking; I hope by the end of May it will be below the old workings.—Farhrenberg: We are now securing the old shaft, and putting it in repair. We expect to have the lode in the cross-cut at Louise very shortly.—Voigtakanie: Since we commenced operations at this mine we have extended the adit of about 19 lachters, and by calculation there cannot be a great distance between the present end and the lode. There is a good deal of water running out of the end, and it is impregnated considerably with iron.

PACHUCA.—Capt. Paull, March 25: Since my last we have met with a great increase of water in La Cruz level west, which kept the whim going nearly all the time; the horses have been hard worked, one died, and I have purchased another for \$22; we are driving on a part of the lode with very pretty quartz, but have not got either of the walls. We have met with a cross lode in La Cruz east, composed chiefly of jabones and bronce; the ground is very heavy, and came away in large masses; a man was killed a fortaight since by a part falling on him. It requires a great deal of ti

Gold Mining in California.—The works on the Gould and Curry property (Nevada) have reached the depth of 420 feet the whole length of the mine—1200 ft. The ore is now exceedingly rich, and the vein 46 ft. in width. In ten days in December the Gould and Curry mill shipped \$185,000 in buillion. Forty new stamps are being added, and a new 400 horse power engine to drive the immense machinery of the establishment. The shares, on which \$500 have been paid, are now worth \$4800; and a dividend of \$125 per share was paid on March 5.

and a dividend of \$125 per share was paid on March 5.

Coal in America.—The unequalled wealth and rapid development of the coal fields of the United States as a dynamic element in our industrial progress afford one of the most striking evidences of our recent advance. The product of all the coal mines of the United States in 1850 was valued at \$7,173,750. The annual value of thehathractic and bituminous coal, according to the eighth census, was over \$19,000,000. The increase was over \$12,000,000, and was at the rate of 169-9 per cent. on the product of 1850. It was chiefly produced in Pennsylvania, Ohio, and Virginia. The coal mined in Pennsylvania in 1850 was valued at \$5,263,351. In the year ending June 1, 1860, the State produced 9,397,332 tons of anthractite, worth \$11,869,574, and of bituminous coal \$6,994,295 bushels, valued at \$2,253,359, making a total value of \$14,703,483, or an excess of \$7,829,683 over the total product of the Union in 1850. Of bituminous coal, Ohio nised 22,359,000 bushels, the value of which was \$1,539,713; and Virginia 9,542,277 bushels, worth \$6,99,188. The increase in Ohio was \$819,587, and in Virginia \$222,780, in the value of mineral facel, being at a rate of 113 per cent. in the former, and 47-6 per cent. In the latter. The increase in Pennsylvania was 179 per centum on the yield of 1850.—American Mining Gazette.

Public Companies.—In re the Waterloo Life, Education, Casualty,

Public Companies.—In re the Waterloo Life, Education, Casualty, and Self-Relief Assurance Company, before the Lords Justices, a person was held not to be a contributor of the company in respect of shares transferred to him without consideration, by order of the directors, by one who held them in trust for the company, for the sole purpose of colourably qualifying him for the office of director; the Court being satisfied that he was not a party to the breach of trust. Lord Justice Turner said, in transactions with these companies it was greatly to be lamented that the honest course was scarcely ever pursued. The tricks that went on in such companies were very much to be regreted.

HOLLOWAY'S OINTMENT AND PILLS,—THE KNIFE SUPERSEDED.—Al afflicted with ulcers, diseases of the bones, and inflammation of the joints, should read this testimonial to the curative powers of these healing and purifying remedies. Mr. John Allen, 17, Denmark-street, Leicester, suffered severely from a bad foot for three yaars, during which long period he was under surgical treatment, without any perceptible benefit. He resolutely objected to amputation, which seemed the only course open, till he fortunately tried Holloway's remedies; these gave him great relief, and at last completely cured him. Spots, blemishes, sores, and skin disorders arise from impoverished blood.

BY ORDER OF THE SECRETARY OF STATE FOR INDIA D IN COUNCIL, notice is hereby given that the DIRECTOR-GENERAL OF STORES FOR INDIA will be READY, on or before MONDAY, the 2d May next, to RECEIVE PROPOSALS in writing, sealed up, from such persons as may be willing to supply—

SLIP COPPER.

SLIP COPPER.
And that the conditions of the said contract may be had on application at the India Store
Office, Cannon-row, Westminster, where the proposals are to be left any time before Two
oficies r. N. of the said 2d day of May, 1864, after which hour no tender will be received.
India Office, April 22, 1864.

GERALD C. TALBOT, Director-General.

A GENTLEMAN, having a THOROUGH KNOWLEDGE of CHEMISTRY in its APPLICATIONS to METALLURGY and MANUFACTURES, WISHES for an APPOINTMENT, in which the above requirements are AVAILABLE. He is also open to give advice to patentees and others on improvements in metallurgical and manufacturing processes, or the machinery connected therewith.—Address, "Chemicus," Mining Journal office, 26, Fleet-street, London, E.C.

A GENTLEMAN, with good certificates from one of the best Austrian Mining colleges, and a THOROUGH KNOWLEDGE of SILVER ORES, and the VARIOUS MANIPULATIONS to which they are subjected, besides a great PRACTICAL EXPERIENCE in ASSAYING, SMELTING, and SURVEYING, and all that belongs to mining in general, WISHES for an APPOINTMENT.—Address, "Z.," MINING JOURNAL office, 26, Fleet-street, London, E.C.

A YOUNG CIVIL AND MINING ENGINEER is OPEN to an A ENGAGEMENT. Its had experience in collieries and lead mines. Unexceptionable references and testimonials.—Address, "Beta," MINING JOURNAL office, 26, Fleet-street, London, E.C.

TO BLAST FURNACE MANAGERS.—WANTED, for an extensive IRONWORKS in SOUTH WALES, an EXPERIENCED and COMPETENT FURNACE MANAGER.—Apply by letter, with full particulars, to "S.," care of Messrs. Pottle and Son, Royal Exchange.

FORGE AND MILL MANAGER WANTED.—One who is thoroughly qualified to SUPERINTEND the PUDDLING as well as the MANUFACTURE of SHERT, PLATE, and BAR IRON. High testimonials will be required.—Address, "J. W.," Post-office, Neath, Giamorganshire.—April 26, 1864.

WANTED, a SITUATION, by a Cornishman, who will be disengaged in about a fortnight, as MINE AGENT and ENGINEER, either in one or both capacities, as may be required. He has filled a situation in both capacities for some years. No objection to go abroad, as he has been some years on the Content, and talks Spanish. Testimonials, with specimens of drawings, &c., can be produced.—Address, "P. A.," Minimo Journal office, 26, Fieel-street, London, E.C.

WANTED, a 24 in. WINDING and STAMPING ENGINE.

Particulars to be forwarded to Mr. THOMAS HOLLOW, Lelant, Hayle.

March 28, 1864.

A FIRST-CLASS TIN AND COPPER MINE SETT in CORNWALL TO BE DISPOSED OF. It can be worked by water-power, Reports, &c., can be had on application to "F. W.," MINING JOURNAL office, 26, Ficet-street, London, E.C.

TO JOINT-STOCK COMPANIES AND OTHERS.—TO BE LET, a LARGE VIRGIN COAL FIELD, in the CENTRE of the GLAMOR-GAN BASIN, containing all the best steam and other veins of coal, and through the heart of which the Taff Vale Railway runs for about a mile.—For particulars, apply to "D. V. C.," at Messrs. Howes and Co., No. 7, Thavie's Inn, Holborn Hill, London.

TWENTY HORSE PORTABLE ENGINE.—FOR SALE, a 20 horse power PORTABLE ENGINE, SECOND HAND, on wheels. Contractors and mining agents will find this an excellent engine for pumping or sawing. For particulars, apply by letter to "A. B. C.," care of Messrs. Dawson and Sons, 74, Cannon-street, London, E.C.

ON SALE, a FIRST-CLASS NEW HORIZONTAL STEAM ENGINE, has 12 in. cylinder, 2 ft. stroke, with strong link motion to valve for reversing. Very suitable for a winding engine. Price, £75. Also, one same size, with governor complete. Price, £75. Other sizes proportionately low.—Apply to Isaac W. Boulton, Ashion-under-Lyne.

HORIZONTAL ENGINES FOR SALE, at very low prices:-One 12 in. cylinder, 24 in. stroke; one 12 in. cylinder, 36 in. stroke; and tw 14 in. cylinders, 24 in. stroke. All ready for delivery, and may be had with or without fly-wheels.—Apply to Messrs. E. Page and Co., Laurence Pountney-place, Laurence Pountney-place, Laurence Pountney-place, Ed.

NEW STEAM FUEL—SMALL COAL AND SLACK UTILISED.—The INVENTOR of a NEW FUEL, in the production of which ANY QUANTITY of SMALL COAL may be PROFITABLY UTILISED, and which, whether used for steam or domestic purposes, will be ONE-FIFTH the COST of COAL, and of THREE TIMES the HEATING POWER, is PREFARED to GRANT LICENSES to THOSE DESIROUS of USING the INVENTION. Liberal terms will be offered.—Letters addressed Mr. A. Wall, MINING JOURNAL Office, will be forwarded.

THE TYNEWYDD SILVER-LEAD MINING COMPANY

THE TINEWIDD SILVER-LEAD MINING COMPANY
(LIMITED)

Capital £15,000, in 7500 shares of £2 each,

Deposit, 10s, per share to be paid on application, and 10s. on allotment,
No call to exceed 5s, per share, nor to be made at shorter intervals than three months

DHECTORS.

ALEXANDER CALDER, Esq. (Director Marine Investment Company), 79, Cannonstreet, E.

street, E.C.
WILLIAM CREMER, Esq. (Director Terricio Copper Mining Company), 11, Bruns-

wick-road, Brighton.
Lleut.-Col. G. H. MONEY (Director St. Cuthbert Lead Smelting Company), 9, Berkeley-

Lieut.-Col. G. H. MONEY (Director St. Cuthbert Lead Smeiling Company), v., between street, Berkeley-square, W.
T. W. PILCHER, Eaq. (Director Whittington Freehold Colliery Company), 10, Earl'sterrace, Kensington, W.
H. W. SPRATT, Eaq. (Director St. Cuthbert Lead Smelting Company), 2, Walbrookbuildings, Walbrook, E.C.

BANKERS—The City Bank, Threadneedle-street, E.C.
Solicitors—Messis. Hughes, Masterman, and Hughes, 17, Bucklersbury, E.C.
BROKERS.
William Morris, Esq., 80, Old Broad-street, London, E.C.
S. M. Penney, Esq., 16, St. Vincent-place, Glasgow.
SECRETARY (pro tem.)—Mr. T. R. Comyn.
OFFICES.

21, GREAT ST. HELEN'S, DISHOPSGATE STREET, LONDON, E.C.

ABRIDGED PROSPECTUS.

This company is formed for the purpose of purchasing and working the mining setts of Tynewydd, Moelgolomen, and Bwich-Glias, in the county of Cardigan, situate about four miles south-east of Talybont, and about eight miles north-east of Aberystwith, to which seaport there are excellent roads, and the cost of carriage is easy.

Two profitable lodes converging to a point eastward on the great lode have been worked upon, and already about 12 tons of spiendid ore have been taken down, the produce of the labour of two miners only, the whole of which is lying at the mouth of the adit, and the lode shows every appearance of improvement and continuance.

It is intended to prosecute the works further, in the manner proposed by Mr. Hitchins, the cost of which will not exceed—say, £2500; and as ore in quantity will be got immediately, the directors feel satisfied that a good dividend may be paid within a short time after the mine is in full operation.

The following statistics of Cardiganshire mines are compiled from the Mining Journal of the 5th March, 1864:—

	No. of shares					Amt. paid per share in dividends.					
*Bronfloyd	867	£2	7	6	£6502	£	0	16 13	6	£9.233	11
†Cwmystwith (the present company) East Darren	128 300	82	0		9600	Ι΄		10	0	33,152 27,450	
Lisburne	400	18	15	0	7500	4	115	10	0	166,200	0

The preliminary expenses will be strictly confined to the necessary disbursements and no promotion money will be paid in connection with the formation of the company Full prespectuses and reports may be obtained at the office; and applications for share may be made to the bankers, to the brokers, or to the directors, at the office, in the form annexed to the prospectus, but no application will be entertained unless accompanied by 10s. ner share on the number applied for; and should no allotment be made the deposit

Extracts from the reports on Tynewydd Silver-Load Mine.
In conclusion, I have much satisfaction in saying that I not only firmly believe this undertaking to be altogether free from the uncertainty and risk too often attending new mining enterprises, but that it will also be sure to soon result in a very profitable investment.

Consulting Engineer to the Devon Great Consols Mine.

From the number of joints, all giving lead, which are found here, I expect that goo eposits of oré will be met with.

ETHELSTANE H. BLAKE, - Consulting Engineer, 25, Poultry, E.C.

We have been miners in this country all our lives, and we think so well of Tynewydd Mines that if we had the means to work it ourselves we would not sell it for £5000. It is certain to pay well, and there is no more conveniently situated mine in the county or working or water power, and the carriage to Aberystwith is very easy.

JOHN ELLIS, EBENEZER ELLIS, Pontgoch.

Supposing the lode to continue to produce 25 to 30 cwts. of ore to the fathom, as it now does, in twelve months, with an outlay of £2,500 to £3,000, 25 to 30 tons per month may be raised, at a profit of from £100 to £150 (per month) certain; and it need not be six months before good returns are made, as there are now from 10 to 12 tons of ore broken, which could soon be increased to 50 tons, as there is plenty of back to work at GEORGE GREEN.

I do not think that, in mining, so much evidence to warrant the expectation of success often met with, as in this case; and I have no hesitation in expressing a favourab opinion of the property.

Consulting Engineer to the Glasgow Caradon Consols, &c.

THE TYNEWYDD SILVER-LEAD MINING COMPANY One-third of the capital having already been subscribed, notice is hereby given that the LIST OF APPLICATIONS FOR SHARES in this company will be CLOSED on MONDAY, the 9th May, 1864.

By order of the Directors.

EASTERN EXCHANGE BANK (LIMITED)

EASTERN EXCHANGE BANK (LIMITED),
LIVERPOOL.
Incorporated, with Limited Liability, under the Companies Act, 1862.
Capital, £2,000,000, in 100,000 shares of £20 each. First issue, 50,000 shares.
Deposit on application, £1 per share. Further payment on allotment, £2 per share.
First call, not exceeding £2 not less than one month after allotment.
Further calls, not exceeding £2 10s., at intervals of not less than three months.
It is not intended to call up more than £10 per share.
DIRECTORS.
GEORGE M. BOWEN, Esq., Thomas Manning and Co., Liverpool.
THOMAS CHILTON, £sq., Holdersess and Chilton, Liverpool. (Comber, Son, and Co., Bombay).
ROBERT DIROM, £sq., Holdersess and Co., Liverpool (Comber, Son, and Co., LIVERPOOL).
(CHARLES EDWARD DIXON, £sq., Liverpool (Dixon Brothers and Co., Alexandris).
WILLIAM JAMES FERNEL, £sq., Fernie Brothers and Co., Liverpool.
FATRICK HUNTER, £sq., Evenie Brothers and Co., Liverpool.
FATRICK HUNTER, £sq., Evenie Brothers and Co., Liverpool.
LAWRENCE, £sq., £dward Lawrence and Co., Liverpool.
BANKERS.
Liverpool ALOUMSON, J. and D. Maicolmson and Co., Liverpool.
London The National Bank of Liverpool.
London The National Bank of Liverpool.
London The National Bank.
Glasgow Mercantile and Exchange Bank.
Glasgow Mercantile and Exchange Bank.
Solicitors—Messrs. Lace, Banner, Gill, and Lace, Liverpool.
RECKERS.
Liverpool Messrs. Lace, Banner, Gill, and Lace, Liverpool.
Manchester London and Northern Bank.
Claden Messrs. Lace, Banner, Gill, and Lace, Liverpool.
Messrs. Shore and Kirk, it, 8t. Ann's-square.
SECRETARY—A. E. Pelly, Esq.

From whom forms of application may be had.

FORM OF APPLICATION FOR SHARES.

(To be retained by the bankers.)

First issue 50,000 shares.

To the Directors of the Eastern Exchange Bank (Limited.)

GENTLEMEN.—Having paid to the bankers of the above-named company the sum of £

, I hereby request that you will allot me shares in the said company, and I agree to accept such shares, or any smaller number that may allotted to me, and to become a member of the company; and I authorise you to place my name on the register of members in respect of the shares to be allotted to me, and I agree to be bound by all the conditions and regulations contained in the memorandum and Articles of Association of the company. I further authorise you to forward by post to my address as below the certificate for any shares which may be allotted to me.

Name in full

Firm (if any)

Business or profession.

Place of business.

Dated this day of ,1864. Residence.

THE CREDIT MOBILIER COMPANY OF LONDON

HE CREDIT MOBILIER COMPANA

(LIMITED).

54, THREADNEEDLE STREET, LONDON, E.C.

BANKERS—The London and Westminster Bank, Lothbury, E.C.

the company discount approved mercantile and other bills, make advances on negole securities, and undertake financial business generally.

WILLIAM HALL, Sec.

IN the MATTER of the CROOKHAVEN MINING COMPANY (LIMITED).—Notice is hereby given, that ALL REPONSE RAVINGED COMPANY (LIMITED).—Notice is hereby given, that ALL PERSONS HAVING CLAIMS of any kind AGAINST the ABOVE-MENTIONED COMPANY are REQUESTED IMMEDIATELY to FORWARD the SAME to the liquidators appointed to wind-up the affairs of the company, at the offices, 15, Finsbury-place South, London, E.C.

By order, T. C. SMITH,

Clerk to the Liquidators of the Crookhaven Mining Company (Limited).

April 20, 1864.

THE EAST DEL REY MINING COMPANY (LIMITED).—
Notice is hereby given, that an EXTRAORDINARY GENERAL MEETING of
the members of this company will be HELD at the London Tavern, Bishopsagate-streat
Within, on TUESDAY, the 3d of May next, at Twelve o'clock, for the following pur-

years, viz. To export on the acquisition of the well-known Morro Sao Vicente Mine and estate, and to make the necessary arrangements for completing the purchase and working the mine, either by the creation of new shares or otherwise, as may then be agreed upon, and for the above purposes, and generally to amend the Articles of Association by inserting certain usual provisions in respect of calls.

N.B.—The transfer books will be closed from the 3d May to the 17th May, inclusive, 12, Bishopsgate-street Within, London, E.C.

MR. D. STICKLAND, M.E., having had upwards of 40 years' mining experience in Cornwall, several years of which he has had the entire management of indies therein, enables him to GIVE GOOD ADVICE thereon.

MINES INSPECTED and faithfully REPORTED ON. DEALER in MINING, RAILWAY, and OTHER SHARES.

His monthly "Circular" for April contains a selected list of Cornish and other mines. RELLWAY, and OPHEE SHAKES.

His monthly "Circular" for April contains a selected list of Cornish and other
mines. Forwarded on receipt of six postage stamps.

38, Dowgate-hill Chambers, London, E.C.

M. R. JOHN BATTERS, STOCK AND MINING SHAREBROKER, 13, THROGMORTON STREET, LONDON, E.C., pays particular attention to British Lead, Copper, and Tin Mines, for which he solicits orders.

Mr. Barrans can recommend one or two mines safe for an early rise of 100 per cent.; reliable information afforded on application.

MINING OFFICES, 28, PRINCESS STREET, MANCHESTER,

LEIGH, MOLYNEUX, AND CO., MINE AGENTS AND SHAREBROKERS, BUY and SELL SHARES of EVERY DESCRIPTION, on

ommission or for nett cash.
Office of the Hazael Grove Silver-Lead Mining Company (Limited), James Leigh, CARDIGANSHIRE MINING OFFICES.

CARDIGANSHIRE MINING OFFICES.

MESSRS. WILLIAMS, BRAY, AND CO. beg to inform their mining friends and the public generally that, in consequence of the numerous applications and requests they have received, they now UNDERTAKE the INSPECTING and REPORTING on MINES.

The several members of the firm having had many years' experience in mining in all its branches is the best guarantee of their ability in such matters; and they trust that, by carefully examining the mines they visit, and faithfully reporting thereon, and by constantly watching the progress of both old and new undertakings, they will be able to supply a want that has been greatly felt in the district, and give every information and advice that may be required. to supply a want that has been greatly and advice that may be required.

OFFICES, 44, MARINE TERRACE, ABERYSTWITH.

TO INVESTORS.—CONSULT MR. GRIFFITH, 27, LEADENHALL STREET, LONDON, E.C., who ADVISES as to the RESPECTABILITY, VALUE, and PROBABLE PROSPECT of SUCCESS of ANY SCHEME, PUBLIC COMPANY, &c., whother already established or in course of for-

OUTH AUSTRALIA,—CAPT. BRYANT (for 16 years second captain of the Burra Burra Mines) is PREPARED to EXAMINE and REPORT upon any MINES or MINERAL DISCOVERIES in the ABOVE-NAMED COLONY,—Address, Capt. BRYANT, Kooringa, South Australia.

BUTE WEST DOCK, CARDIFF-NOTICE OF CLOSING.-DUTE WEST DUCK, CARDIFF—NOTICE OF CLOSING.—
REPAIRS being IMMEDIATELY REQUIRED at the ENTRANCE to the
BUTE WEST DOCK, it is NECESSARY to CLOSE IT, and NO VESSELS can be
ADMITTED AFTER THIS DATE UNTIL FURTHER NOTICE.
The vessels now in the dock will be passed out to sea as soon as practicable.
The repairs will be at once undertaken, and executed with all possible dispatch.
The traffic at the Bute East Dock will be carried on an usual.

By order of the Trustees of the Marquess of Bute.
Bute Docks Office, Cardiff, April 28, 1884. GEORGE JOHNSON, Dockmaster.

RAILWAY CARRIAGE COMPANY (LIMITED ESTABLISHED 1847.

OLDBURY WORKS, NEAR BIRMINGHAM.

MANUFACTUREERS of RAILWAY CARRIAGES and WAGONS, and EVERY DESCRIPTION of IRON WORK.

Passenger carriages and wagons bulls, either for cash or for payment over a period of years.

RAILWAY WAGONS FOR HIRE.

CHIEF OFFICES,—0.DBURY WORKS, NEAR BIRMINGHAM.
LONDON OFFICES,—6, STORRY'S GATE, GREAT GEORGE STREET, WESTMINSTER.

THE BIRMINGHAM WAGON COMPANY (LIMITED)

is PREPARED to SUPPLY BAILWAY WAGONS of EVERY DESCRIPTION, capable of carrying 6, 8, or 10 tons, at annual rentals, or for purchase on deferred payments, on advantageous terms.

OFFICES,—3, NEWHALL STREET, BIRMINGHAM.

TOR SALE, RAILWAY WAGONS.—ONE HUNDRED 10 ton NARROW GUAGE MINERAL WAGONS, with Brown's spring buffers, and spring draw bar. The above wagons are in good running order, and are now let to the Great Western Railway Company, with whom the present lease terminates on the Sist May. To be sold, by deferred payments if preferred by the purchaser.—Application to be made in the meantime to Mr. HENRY NUTTER, Burton House, Westmorland, who will give every information respecting the same.

EIGHT PER CENT, PREFERENCE SHARES OF THE MWYNDY IRON ORE COMPANY (LIMITED)

M WYNDY IRON ORE COMPANY (LIMITED).
DIRECTORS.
CHARLES CAPPER, Eaq., 9, Mincing-lane.
JOSEPH FRY, Eaq., Gresham House, Old Broad-atreet.
SAMUEL GURNEY, Eaq., Mr., 65, Lombard-atreet.
JOHN LANCASTER, Kirkless-hall fromworks, near Wigan.
FREDERICK LEVICK, Eaq., Cwn Celyn and Blaina Ironworks, Newport, Monmouth-EDMUND FELLY, Eaq., Bail-alley, Lombard-street.
JOHN TAYLOR, Eaq., 6, Queen-street-place, Upper Thames-street.
CHARLES REYNOLDS, Eaq., Carshalton.
BANKERS—Measrs, Masterman, Peters, Mildred, and Co.
Issue of 10,000 £8 per cent. preference shares of £4 each.
Under the resolution passed at the special general meeting of this company, on the
23d ultimo, the directors are now prepared to receive applications from the public.
The surplus income derived from the company's property is already greatly in excess
of the interest required for these shares; and as the profits of the company will necessarily be much increased by the new works for which this capital is created, there is
every assurance that these shares will form a safe and permanent investment.
The shares are payable in four instalments of £1, with three months between each
call, but may be paid it full at the option of the subscriber.
Forms of application for shares to be obtained of Mr. N. M. Maxwell, secretary, 4,
Allhallow's-chambers, Lombard-street, London.

THE PENNANCE CONSOLS SILVER-LEAD AND COPPER MINING COMPANY (LIMITED).

REGISTERED OFFICES,—249, STRAND, LONDON, W.C.

Notice is hereby given, that NO FURTILER APPLICATIONS FOR SHARES in this mine will be RECEIVED AFTER FRIDAY, the 13th day of May next.

By order of the Board, T. F. MAXWELL, Acting Director.

# EAST WHEAL VOR TIN AND COPPER MINING COMPANY, In 6000 shares, on the Cost-book System.

In 6000 shares, on the Cost-book System.

A committee of management will be chosen at the first meeting of shareholders.

Bankers—The Alliance Bank, Lothbury, London.

The Helston Banking Company, Helston, Cornwall.

LODON MAMAGER.

W. J. DUNSFORD, Esq., 9, Broad-street-buildings, E.C.

LOCAL MINION MANAGERS.

Messrs. Joseph Vivian and W. C. Vivian, Reskadinnick, Camborne, Cornwall.

SOLICITON—Tifnell Southgate, Esq., 7, King's-bench-walk, Temple, London.

BROKERS.

Messrs. C. and J. H. Mac-Rae, 10, Tokenhouse-yard, and Stock Exchange, London.

The operations of this company are being carried on in the lands of C. W. Popham, Esq., ttuate in the Breage and Sithney mining district of Cornwall, which, from its past and resent returns of tin, ranks as by far the most productive of that mineral in Europe. The set is very large and extensive, and is held for a term of 21 years from this date, a minimum rental of £40 per annum, and a royally of 1-24th of the value of the inlerals to be raised and sold; and the whole of the machinery, plant, and leases have een purchased of Mr. Nicholas Smith, the former lessee, who has taken a large inte-sat in the present company.

been purchased of Mr. Nicholas Smith, the former lessee, who has taken a large interest in the present company.

The situation is all that can be desired, being immediately eastward of Great Wheal Vor Mine; and all the lodes of the Old Wheal Vor Mine, from which tin of the value of upwards of £2,000,000 sterling has been raised and sold, traverse East Wheal Vor from east to west, as also do the rich Wheal Metal and other lodes now being worked by the Great Wheal Vor Company, and yielding tin to the value of £200 to £400 per fathom.

The Old Wheal Vor Mine produced for a lengthened period the greatest quantity of the ore ver returned by any one mine in the world: its returns were twice or thrice as large as the present yield of Dolcoath Mine, which, next to Old Wheal Vor, has been the richest and most profitable tin mine of modern times, and has given its fortunate proprietors £750 per share in dividends, and the present market value of the shares is £550 to £600.

reprietors £750 per share in dividends, and the present marks that the first of £600.

When Old Wheal Vor was most productive the price of black tin was only £35 to £50 per ton, and on that low price the mine gave profits of £4000 per month; had the iverage price of black tin been then, as now, upwards of £70 per ton, the profits would have been £10,000 or £12,000 per month at the lowest estimate. The present Great Wheal Vor Company's shares were, twelve months ago, selling at bout £6 per 5908th share, or (say) £36,000 for the mine; the market price since attained, in consequence of the brilliant discoveries of tin made in the Wheal Metal lode, has been £41 to £42 per share, or £245,000 to £250,000 for the mine, and the profits now being made are £18,000 to £24,000 a year, with every prospect of those profits being rapidly and continually increased.

being made are £18,000 to £24,000 a year, with every prospect of those profits being rapidly and continually increased.

There are upwards of six known and productive lodes in East Wheal Vor, only two of which are now being operated on, and from the shallow levels on these two lodes alone £12,000 or £13,000 worth of the has already been raised and soid.

The strata in which the lodes are embedded being identical with the strata in Old Wheal Vor and Wheal Metal, it is the opinion of practical and experienced miners that an energetic continuance of the operations now carried on in sinking the shafts and driving the levels will lead to the discovery at an early period of richer deposits of tin than have already been met with, and that a rich and profitable mine will be speedily laid open; the length on the Old Wheal Vor lose being fully 700 fathoms, and on the rich Wheal Metal lodes fully 280 fathoms from east to west.

The Wheal Metal lodes fully 280 fathoms from east to west.

The Wheal Metal lode, now so rich and profitable in Great Wheal Vor, is standing entire in the southern part of East Wheal Vor; therefore, it will be apparent that the present Company's prospects, from vigorous operations being commenced on this lode, are most encouraging.

present Company's prospects, from vigrous operations being commenced on this lode, are most encouraging.

An important feature connected with the two lodes now being wrought is, that at about the 110 fathom level, these two lodes, viz.—"Wheal Bramble" and "Smith's" lodes will form a junction, which junction, in this district, has usually been productive of an immense deposit of tin—and the levels now driving on these lodes are of the most promising description for yielding the in profitable quantities.

The machinery and surface works of a large and extensive mine are already erected, and have cost £7500 or £5000 at the least; including this sum, and the costs incidental to sinking the shafes and driving the levels on the course of the lodes, a total expenditure has been incurred by previous adventurers of £35,000 to £40,000, so that active operations are being carried on without incurring any other immediate outlay than the ordinary working cost of a mine.

The mine is drained 56 fathoms below the adit level—or about 80 fathoms from surface—by a 40-inch cylinder pumping engine, which is considered of sufficient power to drain it to a much greater depth; a 30-inch stamping engine with sixteen heads of stamps, and the necessary apparatus for drawing the stuff from the mine, have also been crected; the other erections comprise calcining and counting houses, and the necessary buildings for workshops, &c., dressing-floors, and other surface works have also been crected; the other erections comprise calcining and counting houses, and the necessary buildings for workshops, &c., dressing-floors, and other surface works have also been crected; the other erections comprise calcining and counting houses, and the necessary buildings for workshops, &c., dressing-floors, and other surface works have also been erected; the other excellent condition, repair, and working order.

With the view of continuing the exploration and development of the mineral resources of East Wheal Vor with the utmost rapidity and efficiency, and on

being wholly applicable to the development of the mine (in addition to the £35,000 to £40,000 aiready expended), competent mining authorities consider amply sufficient for placing it in a profitable position.

The present proprietors having aiready received applications for a large number of shares, have determined to receive applications from the public for a limited portion only of the residue, at £5 per share; £2 per share to be paid as a deposit on application, and the remaining £3 per share on allotment, and if no allotment is made the deposit will be returned without deduction.

A committee of management will be elected et a meeting of shareholders to be held within one month after the closing of the share list.

Applications for shares, in the form annexed, may be made to the brokers; to the Alliance Bank; or to W. J. Dunspond, Esq., 9, Broad-street-buildings, London, E.C.
Copies of reports from Capt. F. Gill (Great Wheal Vor), Capt. Edward Regers (Wheal Grylis), Capt. Mark Reed, and W. C. Vivian, together with the full prospectus, can be had on application at the office of the company.—London, April 29, 1864.

FORM OF APPLICATION FOR SHARES,

MR. GEORGE HENWOOD, MINING ENGINEER,
LOCHHEAD HOUSE, LOCHWINNOCH, SCOTLAND, OFFERS his SERVICES and ADVICE on mines situated in any part of England, Scotland, Wales, Ireand, Isle of Man, &c. Mr. Henwood's extensive experience in his peculiar department
of mining science is well known, and will be exerted to the utmost for the benefit of

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the Note MATTER of the COMPANIES ACT, 1862, and of the North PROVIDENCE MINING COMPANY.—By the direction of his Honoure Vice-Warden, notice is hereby given, that, on the 12th day of May next, at the Relatar's Office, at Tranc, in the county of Corawall, this Court will PROCEED to IAKE a CALL of SIXTEEN SHILLINGS PER SHARE on all the contributories stilled under Class A of the above-named company.

All persons interested therein are entitled to attend at the time and place aforesaid, offer objections to such call.

WILLIAM MICHELL, Registrar.

Dated April 22, 1864.

# In the Court of the Vice-Warden of the Stannaries-Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the borb given, that a PETITION for the WINDING-UN (LIMITED).—Notice is beroby given, that a PETITION for the WINDING-UP of the ABOVE-NAMED COMPANY by the Court was, on the 25th day of April inst., presented to the Vice-Wardea of the Stannaries, by William John Rawlings, a creditor of the said company; and that the said petition is directed to be heard before the Vice-Warden, at the Frince's Itali, in the borough of Trure, on Monday, the 5th day of May next, at Eleven colock in the foreneon.

Hall, in the borough of Freet, on alcohary, she was appear at the hearing and oppose the same, provided he has given at least two clear days' notice to the petitioner, his solicitors, or agents, of his intention to do so, such notice to be forthwith forwarded to P. P. Smith, Eaq., secretary of the Vice-Warden, Truro.

Every such contributory or creditor is entitled to a copy of the petition and affidavits verifying the same, from the petitioner or his solicitors, within 24 hours after requiring the same, on payment of the regulated charge per folio.

Affidavits intended to be used at the hearing, in opposition to the petition, must be filed at the Registuri's Office, Turo, on or before Saurday, the 7th day of May next, and notice thereof must at the same time be given to the petitioner, his solicitors, or agents.

(Solicitors for the Petitioner).

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the IN the MATTER of the COMPANIES ACT, 1862, and of the CORNUBIA TIN MINING COMPANY (LIMITED).—Notice is hereby given, that a PETITION for the WINDING-UP of the ABOVE-NAMED COMPANY by the Court was, on the 26th day of April instant, presented to the Vice-Warden of the Stannaries, by George Stoughton Arnall, a creditor of the said company, and that the said petition is directed to be heard before the Vice-Warden, at the Prince's Hall, in the borough of Truro, within the said Stannaries, on Tuesday, the 10th day of May next, at Twelve o'clock at noon.

Any contributory or creditor of the company may appear at the hearing and oppose the same, provided he has given at least two clear days' notice to the petitioner, his solicitors, or agents, of his intention to do so, such notice to be forthwith forwarded to P. P. Smith, Esq., secretary of the Vice-Warden, Truro.

Every such contributory or creditor is entitled to a copy of the petition and affidavits verifying the same, from the petitioner or his solicitors, within 24 hours after requiring the same, on payment of the regulated charge per folio.

Affidavits intended to be used at the hearing, in opposition to the petition, must be filed at the Registrar's Office, Truro, on or before Saturday, the 7th day of May next, and notice thereof must at the same time be given to the petitioner, his solicitors, or agents.

Applications for the appointment of an official liquidator of the said comp made at the time and place aforesaid. HODGE, HOCKIN, AND MARRACK, of Truro (Solicitors for the Petitioners).
GREGORY AND CO., 1, Bedford-row, London
(Agents of the said Solicitors).

Dated Truro, April 28, 1864.

TO COAL MASTERS, IRON MASTERS, AND OTHERS TO COAL MASTERS, IRON MASTERS, AND OTHERS.

N. R. HILLIARD WILL SELL, BY AUCTION, at the
Navigation Inn, Froghali, on Thursday, the 6th day of May, 1884, at Two celock
in the afternoon, in one or more lots, and subject to such conditions of sale as shall be
then produced, a VALUABLE FIREEHOLD ESTATE, called HARSTON WOOD,
containing 37 A. O. R. II F. (more or less), situate at FROGHALL, in the parish of
KINGSLEY, in the county of STAFFORD, and adjoining the Caudon Low Railway.
The estate contains VALUABLE MINES OF COAL, RED IRONSTONE, and
OTHER ORES, and adjoins property in which such mines are being worked.
To view the property, apply to Mr. WILLIAM PEGG, Foxt Wood, near Froghall: and
to inspect plans, or for any further information, apply to the owner, Mr. RICHARD FRYER
SMITH, or to Mr. THACKER, solicitor, both of Cheadle, Staffordshire.

HUNWICK AND NEWFIELD COKING COLLIERIES FOR SALE, R. CHARLES BROUGH WILL SELL, BY AUCTION,

M. CHARLES BROUGH WILL SELL, BY AUCTION, at the Queen's Head Hotel, Newcastle-upon-Tyne, on Wednesday, the 11th May, 1864, at Twelve for One o'clock precisely, in the following lots, or together, and subject the conditions, and in such order as shall be produced and determined at the sale, Lot 1.—The well-known current-going FREEHOLD COLLIERY, ealled NEW-FIELD COLLIERY, with the adjoining LEASEHOLD ROYALTY of BINCHESTER and NEWFIELD, situate in the several townships of Newfield and Binchester, in the county of Durham, and containing in the whole 560 acres, more or less, together with 60 acres or thereabouts of FREEHOLD LAND, on which the ENGINE HOUSES, WORKSHOPS, ONE HUNDRED AND FORTY-FOUR WORKMEN'S HOUSES, THREE HUNDRED AND FORTY-TWO COKE OVENS, and other buildings are erected, and including an EXTENSIVE FIRE BRICK MANUFACTORY; and also all the COLLIERY PLANT of ENGINES, MACHINERY, wagon ways, live and dend stock, and other the property and effects belonging or attached to the colliery and land.

Lot 2.—The important and well-known current-going COLLIERY.

and land.

Lot 2,—The important and well-known current-going COLLIERY, called HUN-WICK COLLIERY, comprising therein the northern portion of the Birtley royalty, situate in the townships of Hunwick, Helmington, and Newton Cap, in the said county, and containing together 878 acres or thereabouts, with the DWELLING HOUSES, FORTY-FOUR COKE OVENS, and all and singuiar the COLLIERY PLANT of ENGINE HOUSES, ENGINES, MACHINERY, wagon ways, live and deed stock, and other property and effects upon and about the colliery and premises belonging thereto.

to, e coal obtained from these collieries is almost wholly used in the ma class locomotive coke,

The coal obtained from these collieries is almost wholly used in the manufacture of first-class locomotive coke.

The collieries are offered for sale by order of the directors of the West Hartlepool Harbour and Raliway Company, and such of their produce as shall be vended by sea or on land will be restricted for transit and shipment to that company's railway so far as the same will extend, and the shipping places connected therewith, the rates for the leadings and shipments being regulated on such terms as shall be agreed one. Each purchaser may, on completing his purchase, exercise the option, if so desired, of paying only a portion of the price contracted for, and the residue by instalments, with interest at the rate of £5 per cent, per annum, at such dates, and on giving such security as shall be arranged with the directors.

Particulars, containing the rents, terms, and provisions of the deeds, leases, and agreements under which each collery is held, and also the conditions of sale (with a pian annexed) may be had, and further information obtained, on application to Mr. Wit, Arst-Stroße, colliery viewer, Wingate Grange, Ferryhill; Mr. Gronge Witchas Southern, colliery viewer, Wingate Grange, Ferryhill; Mr. Gronge Witchas Southern, colliery viewer, Chilton Hall, Ferryhill; or Mr. Tiplady, solicitor, Durham.

PREFIDATE OF STROME CONTRACT AND SOUTHERN, colliery viewer, Chilton Hall, Ferryhill; or Mr. Tiplady, solicitor, Durham.

Durham, April 20, 1864.

PRELIMINARY ANNOUNCEMENT.

IN THE WEST RIDING OF YORKSHIRE.

The very IMPORTANT RESIDENTIAL ESTATE, known as AKETON HALL, with the VALUABLE MANORS or reputed manors of AKETON, otherwise ACTON and FEATHERSTONE, situate in the parish of Featherstone, and abutting upon the Featherstone station, midway between Castleford and Ponterfract, comprising a MAN-SION, surrounded by a DOMAIN of about ONE THOUSAND ONE HUNDRED AND TWENTY-FIVE ACRES of SUPERIOR LAND, divided into convenient farms, with numerous labourers' cottages and plots of accommodation land.

MESSRS. BEADEL are instructed to prepare FOR SALE, BY AUCTION (unless an acceptable offer be previously made by private contract), the above very DESIRABLE FREEHOLD ESTATE (land tax redeemed), situate in the West Riding of Yorkshire, only two miles from Ponterract, and three from Castleford, skirted on one side by the Lancashire and Yorkshire Railway, and on the other by the North Midland, consisting of a commodious stone-built MANSION, surrounded by SEVERAL PRODUCTIVE FARMS, with residences, ample agricultural buildings, numerous labourers' cottages, and PLOTS of ACCOMMODATION LAND. The estate abounds throughout in COAL, and there are also excelent STONE QUARRIES upon the property. Further particulars will appear.—25, Gresham-street, London, E.C.

VALUABLE COPPER MINE FOR UNRESERVED SALE.-TO BE SOLD, BY AUCTION, and without reserve, on the 4th day of May proximo, at One o'clock precisely, on the mine, near North Molton, in the county of Devon, the LEASE (renewed for 21 years on the 17th day of February, 1864, at a royalty of one-diteenth, or a sleeping rent of £100 per year) of the whole of the very EXTENSIVE BAMPFULDE COPER MINES, including the LAKGE and IMPORTANT ADDITIONAL SETT recently granted by Lord Poltimore, free of any extra charges, together with the entire and complete PLANT and MACHINERY thereon, with large and commodious dwelling-house, cottages, offices, and garden, HORIZONTAL STEAM ENGINE and BOILER, winding gear, &c., large WATER WHEELS, pumps of verions sizes, ropes, chains, lauders, jugging hutches and sleves, fron, timber, wagons, shear, windiasses, whims, launders, balance bobs, drawing wheel and crushers, and all other requisites for the efficient working of the mine. Also, four Berdan's machines (never used), pans 6 ft. 8 in, diameter within, 45 cwts, each, with four iron balls 2 tons each, and four ditto 16 cwts. each. The whole on view, with the necessary plans, any time prior to the day of sale.

Parties can proceed to the mine via Barnstaple or South Molton road station.

N.B.—The average produce of the above far exceeds in quality that of any other Eng-

Parties can proceed to the mine via Barnstaple or South Molton road station.

N.B.—The average produce of the above far exceeds in quality that of any other English mine, 1582 tons of ore having realised £22,734 nett, and this including halvans, up to December last; and the vendors, having no alternative but to wind-up the present company, have to state their sincere belief that a small expenditure of further capital would make this one of the most remunerative mines in the kingdom.

The whole mine is now set to tributers at 10s. in £1; is sunk to the 70 fm. level. The 58 fm. level is driven to No. 4 cross-course, and es soon as the lodes on the western side of this cross-course shall have been intersected the most satisfactory results may, with every reasonable certainty, be expected. The mine has been thoroughly inspected at different periods, and very favourably reported upon by Capitain James Richards, of the Devon Great Consols; Capt. William Richards, of Wheal Basset; Capt. James Pope, of Wheal Basset; Geo. Henwood, Eq., of London; Wm. Hensley, Esq., of Marazion; and others.

Catalogues, together with conditions of sale, at Is. each, to be had at the reine consolidation.

ologues, together with conditions of sale, at Is. each, to be had at the mine on to Capt. Pope; or in Liverpool from Mr. Chas. Hand, Hope Chambers, L bale\_street.

BLAST ENGINES.—FOR SALE, TWO NEW BLAST to WM. COULTHARD and Sons, engineers, Blackburn.

working order, producing very rich ore, and promising speedy and unit to profits, upwards of £5000 having been bone fide and judiciously expecting it to its present state. It is situate in the best aliver-lead district or worked entirely by water-power. There are also splendid copper lodes remay the sets. Part of the purchase may remain in paid-up shares. Want I alone induces this offer.—Address to "Argent," care of Mr. Herron, 2, Adam's Broad-street, London. BARGAIN-SILVER-LEAD AND COPPER MINE, in full

SPARE MATERIALS FOR SALE, BY PRIVATE CONTRACT, at the CAPPAGH MINE, BALLYDEHOB, COUNTY CORK;—
10 9 ft. 10 in. pumps. 20 9 ft. 9 in. ditto, 10 9 ft. 7 in. ditto, 6 and 10 in. piunger pag and cases, 10 and 9 in. stuffing boxes and glands, 12 and 9 in. H and top doorpiees, 10 pairs rod plates, 10 and 9 in. windbores, quantity of large staples and glands, doubs winch, \_titing serew, shaft gig, horse whim axle, 2 ft. tube of boller, 2 large tram wages, 250 fms. 4½ in. round wire rope, flat-rod, whim and other shieves, and a quantity of other spare materials. The whole are in excellent condition.—To treat for the sam, apply to Capt. WILLIAM EDDY, on the mine; or at the offices of the company, 18, New. street, Spring-gardens, London.—Dated Cappagh Mine, April 11, 1864.

I MPORTANT TO COAL PROPRIETORS, CAPITALISTS, MPORTANT TO CUAL PROPRIETORS, CARTITALISTS,
AND OTHERS,—The OWNERS of VALUABLE MINES of COAL, lying
within and under a compact freehold estate of 150 acres, situate about three miles from
the important manufacturing town of Biackburn, Lancahire, are PREPARED to treat
for the ABSOLUTE SALE of the COAL, or to enter into favourable arrangements for
leasing the same for a term of years. Good turnpike roads intersect the estate, and the
same is within very easy distance of railway and canal,—For further particulars, apply
to Messrs. Robinson and Son, solicitors, Biackburn.

ON SALE, a QUANTITY of BITUMINOUS SHALE, of coke. The crude oil, when distilled, yielded 18 to 20 per cent. of oil, and 57 per cent, of coke. The crude oil, when distilled, yielded 55 per cent. of oil (specific gravity 0-836) and 38's per cent. of line pricating oil (specific gravity 0.870). The analytical chemist by whom these results were obtained states that he "considers these oils equal to any of the paraffine oils now made from coal or shale in this country."—Apply to Messrs, John and William Pearson, Stalling Coiliery, near Stourbridge.

FOR SALE, a MINE or ROCK of GRANITE STONE, situated on the SOUTH-WEST COAST of NORWAY, close to the water side. Can be easily worked in pieces from 6 to 38 inches in thickness.—Apply to BLICHPELD? an be easily worked in pieces from 6 to 35 ind Co., 10, Catherine-court, Seething-lane.

FOR SALE, 194 in. FORCING PUMP, 14 in. LIFTING PUMP, HAND PUMPS, pumping crank, lifting screw, pit chain, and other collicry material.—Apply to Mr. John Farler, Natisca, near Bristol.

TO QUARRY PROPRIETORS AND CAPITALISTS.—
TO BE LET, a VALUABLE UNOPENED FLAG and SLATE QUARRY, elose to the railway from Newtown to Machynlieth, and within seven miles of the latter town. The vein extends through 10 acres of land, and is about 80 yards wide. Trials have been made in several places, and the stone obtained is of the best blue colour. There is abundance of water on the land to work any machinery that may be erected, and the locality is very convenient for supplying the mildiand markots.—For further particulars, and to treat, apply to Messrs. Howell and Jones, solicitors, Welshpool.

TO BE LET, an EXTENSIVE COAL FIELD, between Risca and Abercarne, and within 3½ miles of the port of Newport, containing the well-known RISCA BLACK VEIN, together with all the other seams of coal that have been proved by the Risca and Abercarne pits.—For particulars, apply to ALEXANDER BASSETT, Esq., C.E., Cardiff.

C OAL C UTTING MACHINERY.—
The WEST ARDSLEY COMPANY having, by recently patented improvements, perfected their coal cutting machinery, worked by compressed air, are NOW READY to MAKE CONTRACTS for the CONSTRUCTION and USE of their MACHINES.
The results of twelve months' experience in the working of these machines, by the West Ardsley Company, have proved most satisfactory, their use being found to CHEAPEN the COST and IMPROVE the average SIZE of the COAL, to LIGHTEN the LABOUR, and also to MODIFY the SANITARY CONDITION of the MINE. All communications to be made to Messrs. Firth, Donisthorpe, and Bower, No. 8, Britannia-street, Leeds.

NOTICE.—The WEST ARDSLEY COMPANY, having reason to believe that their patents are balent information. to believe that their patents are being infringed upon, hereby give notice that they will TAKE LEGAL PROCEEDINGS AGAINST ALL PARTIES who may MAKE FOR SALE, or USE ANY MACHINERY in the construction of which any INFRINGEMENT IS MADE.

CAUTION TO COAL PROPRIETORS AND OTHERS.

RIDLEY AND JONES'S PATENT.—By the DECREE OF THE MASTER OF THE ROLLS, made in a suit brought by the West Ardsley Company against the Patentees, the WEST ARDSLEY COMPANY are DECLARED to have NO RIGHT to OF INTEREST in this PATENT, and the PATENTEES are DECLARED to be the SOLE OWNERS and PROPRIETORS thereof.

The PATENTEES, therefore, CAUTION ALL PERSONS AGAINST DEALING WITH, OF USING the MACHINES MADE UNDER THEIR PATENT, WITHOUT THEIR LICENSE.

The machine may be inspected at the works of Mr. Middleton, engineer, Lomastreet, Southwark.

J. H. TRISTON, 18, Barge-yard Chambers, Bucklersbury (Solictor for Mesars, Riddley and Jones).

PWARDS'S PATENT MINERAL ORE AND COAL WASHING MACHINE.—This is by far the MOST ECONOMICAL, as well as the MOST PERFECT MACHINE MADE. Each machine is capable of washing 26 to 50 tons per diem, according to quality.—Full particulars, testimonials, &c., may be obtained from E. Edwards, Esq., C.E., 1, York-buildings, Adelphi, where a working model may be seen.

Adopted by the Governments of Great Britain, Spain, Denmark, Russia, Brazil, East and West Indies.

PASTON'S PATENT BOILER FLUID, FOR REMOVING AND PREVENTING INCRUSTATION IN STEAM BOILERS, LAND AND MARINE.

P. S. EASTON AND G. SPRINGFIELD, Patentees and Sole Manufacturers, 37, 38, and 39, WAPPING WALL, LONDON, E.,

Or of their Agents in the principal towns of Great Britain and the Colonies.

BEST MANGANESE SPIEGELEISEN DELIVERED at ANY PORT of the UNITED KINGDOM.—For testimonials, and all information, apply to Wm. Bird and Co., 2, Lawrence Pountney-hill, London, E.C.

A SSAYS AND ANALYSES UNDERTAKEN at MODERATE CHARGES, by Mr. ARTHUR EVANS, LECTURER ON CHEMISTRY, SORMAL COLLEGE, SWANSEA.—Parcels to be directed Mr. A. Evans, 12, High-teet, Swansea.

CAPT. C. WILLIAMS, TYN-Y-WERN, TALIESIN, SHREWSBURY, has had upwards of 20 years' practical experience in mining, during which time he had the entire management of several English and Welsh mines. Residing in the centre of the CARDIGANSHIRE MINING DISTRICT, and in close proximity to those of MERIONETHSHIRE and MONTGOMERYSHIRE, he OFFERS HIS SERVICES to SURVEY and REPORT UPON ANY MINE.

CAPT. C. WILLIAMS, TYN-Y-WERN, TALIESIN, SHREWSBURY, has very carefully SELECTED SEVERAL LEAD, COPPER, and GOLD SETTS in the highly mineralised districts of CARDIGANSHIRE and MERIONETH, some of which he is working privately himself, and are turning out very satisfactorily. Mr. WILLIAMS WISHES to MEET with a bong fide PARTY who can ASSIST HIM to PROVIDE the NECESSARY MACHINERY to RENDER their PRODUCE MARKETABLE.

MR. BRENTON SYMONS will SHORTLY LEAVE for the WELSH GOLD DISTRICTS, and will be happy to RECEIVE COMMISSIONS for PROCURING SETTS, either of GOLD or SILVER-LEAD, or to REPORT on ANY MINERAL PROPERTY. Mr. B. SYMONS will also VISIT the MINERAL FIELD, of which he purposes preparing a geological and mining map.

MR. BRENTON SYMONS, MINING ENGINEER AND SURVEYOR, can PROCURE MINING SETTS in ANY DISTRICT IN CORNWALL OF DEVON.—18, Hatton-garden, E.C.

MR. BRENTON SYMONS INSPECTS and REPORTS on ANY MINERAL PROPERTY. In all cases where procurable a pian will accompany his report.—18, Hatton-garden, E.C.

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c messages promptly attended to, and every information supplied, either
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TICHOLLS, WILLIAMS, AND CO., ENGINEERS, MANUFACTURERS of STEAM ENGINES of EVERY DESCRIPTION, made on a BEST and NEWEST PRINCIPLES. We beg more especially to call the attention the public to the manufacture of our BOILERS, which have been tested by most of the public to the manufacture of our BOILERS, which have been tested by most of the public to the manufacture of our BOILERS, which have been tested by most of reading engineers. PUMP WORK CASTINGS of EVERY DESCRIPTION, both prize and iron. HAMMERED IRON and HEAVY SHAFTS of ANY SIZE. MAINS made of the best iron, and warranted. RAILWAY WORK of EVERY DESCRIPTION.

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ALL ORDERS FOR ABROAD RECEIVE their BEST ATTENTION. Nicholls, all ORDERS FOR ABROAD RECEIVE their BEST ATTENTION. Nicholls, BLILLAMS, and Co. have always a LARGE STOCK of SECOND-MESSEY. MICHOLLS. WILLIAMS, and Co. have always a LARGE STOCK of SECOND-MINE MATERIALS in stock, and at moderate prices.

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pated St. Austell, August 12, 1863.

WILLIAM MATHEWS, ENGINEER, TAVISTOCK, bas FOR SALE:—ONE 30 in. CORNISH PUMPING ENGINE, with biller 9 tons; ONE 14 in. HORIZONTAL WHIM ENGINE and cage, with biller 4½ tons; TWO 10 horse PORTABLE ENGINES, for winding or pumping; for CORNISH CRUSHER; ONE 30 ft. diameter WATER WHEEL, 9 ft. breast, maxle, sockets and rings; 60 fms. of 3 in. flat-rods, with pulleys.

EST ANTIFRICTION AXLE GREASE, 14s. 9d. per cwt.

(cash). Other greases at proportionate prices. Warranted sound and durable.

(math). Warranted upon request.

(ENGLISH GREASE WORKS, MILL STREET, OLD KENT ROAD, LONDON.

TREASE'S PATENT EXCAVATING MACHINERY, for SUPERSEDING the SLOW and EXPENSIVE USE of MANUAL LABOUR SINKING SHAFTS, DRIVING LEVELS, TUNNELLING, &c., is guaranteed to ive through any rock of average hardness at a minimum rate of 1 fm. per diem, and sink shafts at the rate of 2 fms. in three days.

Mr. Crease will undertake contracts for sinking shafts, driving levels, &c., at an enmons reduction of time and great saving in cost.

Applications to be addressed (for the present) to the patentee, Mr. E. S. Crease, estates, Devon.

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A S T I E R'S PATENT CHAIN PUMP,
APPARATUS FOR RAISING WATER ECONOMICALLY, ESPECIALLY
MICABLE TO ALL KINDS OF MINES, DRAINAGE, WELLS, MARINE,

APPARATOR FOR RAISENG WATER EXONOMICATION. PERFECT.

DEPLICABLE TO ALL KINDS OF MINES, DRAINAGE, WELLS, MARINE, IEE, &c.

J. U. Bastier begs to call the attention of proprietors of mines, engineers, architects mers, and the public in general, to his new pump, the cheapest and most efficientees trodeced to public notice. The principle of this new pump is simple and effective, and a stion is so arranged that accidental breakage is impossible. It occupies less space an any other kind of pump in use, does not interfere with the working of the shafts, of united lightness with a degree of durability almost imperishable. By means of this yetaslic mentions were can be raised economically from wells of any depth; it can be reflectively as the shaft of the shafts, at united lightness with a degree of durability afrom wells of any depth; it can be reflected thereby steam-engine or any other motive power, by quick or slow motion. The sollowing statement presents some of the results obtained by this hydraulic machine, shally demonstrated by une:—

J.—It unites from 90 to 92 per cent, of the motive power.

J.—It comples a very small space.

J.—It comples a very small space.

J.—It causes with the water, and without the sightest injury to the apparatus, sand, and, wood, stone, and every object of a smaller diameter than its tube.

J.—It misse with the water, and without the slightest injury to the apparatus, sand, and, wood, stone, and every object of a smaller diameter than its tube.

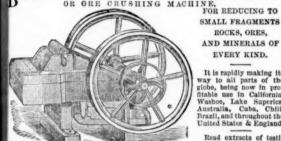
J. It is easily removed, and requires no cleaning or attention.

A mining pump can be seen daily at work, at Wheal Concord Mine, South Sydenham, Devon, near Tavistock; and a shipping pump at Woodside Graving Dock Company Limited), Birkenhead, near Liverpool.

J. U. Barriers, sole manufacturer, will CONTRACT to ERECT his PATENT PUMP HIS OWN EXPERSE, and will GUARANTEE IT FOR ONE YEAR, or will RANT ELECTHER, sole or amunicaturers, mining proprietors, and others, for the USE of this NYENTION.

Als INVENTION.
OFFICES, 47, WARREN STREET, FITZROY SQUARE,
London, March 21, 1859. Hours from Ten till Four. J. U. BASTIER, C.E.

BLAKE'S PATENT STONE BREAKER,
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FOR REDUCING TO



ROCKS, ORES, AND MINERALS OF EVERY KIND.

It is rapidly making its way to all parts of the globe, being now in pro-fitable use in California, Washoe, Lake Superior, Australia, Cuba, Chili, Brazil, and throughout the United States & England.

Read extracts of testi-

monials:—

Alkali Works, near Wednesbury.—I at first thought the outlay too much for so simple an article, but now think it money well spent. WILLIAM HUNT.
Welsh Gold Mining Company, Dolgelly.—The stone breaker does its work admirably, reashing the hardest stones and quartz.

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Stone and Lime Merchants, Darlington.
Kirkless Hall, near Wigan.—Each of my machines breaks from 100 to 120 tons of limestone or ore per day (10 hours), at a saving of 4d. per ton.
Oreca, Ireland.—My crusher does its work most satisfactorily. It will break 10 tons of the hardest copper ore stone per hour.
General Frémont's Mines, California.—The 15 by 7 in, machine effects a saving of the labour of about 30 men, or \$75 per day.
The high estimation in which we hold your invention is shown by the fact that Mr. Park has just ordered a third machin like state.

SILAS WILLIAMS

and testimonials, apply to—
H. R. MARSDEN, SOHO FOUNDRY,
MEADOW LANE, LEEDS.
Only maker in the United Kingdom.

STATISTICS OF AND OBSERVATIONS UPON THE MINES

Now ready, price 5s.

STATISTICS OF AND OBSERVATIONS UPON THE MINES OF CORNWALL AND DEVON.

For 1861, 1862, and 1863.

By THOMAS SPARGO, Mining Engineer, Stock and Sharebroker, Greaham House, Old Broad-street, London, E.C.

This work contains the following particulars, viz. —The geological position, present prospects, name of purser, manager, and secretary, with annual returns of each mine during the last three years, and total dividends paid to the present time.

It is illustrated by a map of Cornwall, showing its parliamentary division, and population; geological district maps, divided into four sections, in which are shown the boundary lines of each parish, height of hills, source of rivers, &c., together with maps of St. Just, St. Ives, Marazion, Gwinear, Chiverton, Bodmin, Liskeard, Devon Great Consols, and Tavistock mining districts, showing boundary lines of each sett, with the lodes, and Tavistock mining districts, showing boundary lines of each set, with the lodes, and Tavistock mining districts, showing boundary lines of each set, with the lodes, and Tavistock mining districts, showing boundary lines of each set, with the lodes, and Tavistock mining districts, showing boundary lines of each set, with the lodes, and Tavistock mining districts, showing boundary lines of each set, with the lodes, and Tavistock mining districts, showing boundary lines of each set, with the lodes, and the leading mines in both counties, with observations upon each, heinding geological map of the Fowey Consols district (kindly furnished by Major lawis, R.M.), as also all the information necessary for the guidance of those unacnalized with mining.

anilated with mining.

THE BANKING, MINING, AND JOINT-STOCK COMPANIES REVIEW, A JOURNAL OF COMMERCE, TRADE AND MANUFACTURE, SCIENCE AND THE ABTS.

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R A I L W A Y S A N D M I N E S.

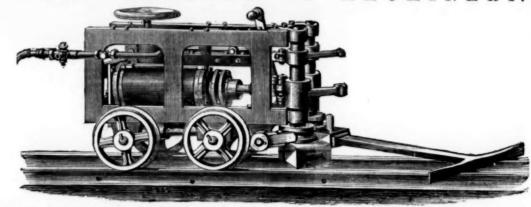
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ST. ALLEN POWDER MILLS, near TRURO, beg to CALL ATTENTION to
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Its WEIGHT Is CONSIDERABLY LESS than ORDINARY GUNPOWDER, and
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This is a new manufacture. It is stronger than ordinary powder, the relative strength, by chemical analysis, being as 131 to 119. The grain also being very light, there is the same saving as on Davey's powder in the quantity used—viz., about 25 per cent. There is a further saving of £10 per ton on the price, this powder being delivered to the mines. at £36 per ton. The TOTAL SAVING on the use of the New Blasting Fowder may thus be taken at not less than TWENTY FOUNDS FER TON. It is now in regular use in several of the principal Cornish mines, and the agents report a saving on the cost to this extent.

There is also a GREATER SECURITY in the use of this powder for the lives of the miners, as it DOES NOT IGNITE by FRICTION or PERCUSSION, as may be shown by striking it with a stedge on an anvil. It will not, therefore, explode in tampling, except by the striking of a spark.—Nancekuke Mills, Redruth, February 1, 1864.

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WE HAVE APPOINTED MR. ELLIS LEVER, of this city, SOLE AGENT for the SALE of OUR PATENT SPONGE CLOTHS in the MINING DISTRICTS of GREAT BRITAIN.

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The TURBINE, WINDING, and PUMPING MACHINERY are all fixed complete to one strong cast-fron bed plate, which can be placed in any situation without pit or excavation, and any height not exceeding 33 ft. from bottom of fail, the supply and suction pipe being all that is required to be connected to ft, and can be brought in any direction. This combined machine can be easily removed when necessary.

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Shares. Mines	BRITISH DIVIDEND MINES.  Paid. Last Pr. Business. Dividends Per Share. Last paid	Aberdovey (sillead), Merio. 4 Bagtor (tin) [L.] 2	0 0 — Sept. 180	63 1024 North Buller (cop.), Redrutt d. 12000 N.Coniston (cop.), [L.] 6000 & 63 6000 North Chiverton (lead	1. 25 18 0
1200 Alderlaw Edge (oc	on ) Chashire II. 1 10 0 0	) Baldwin, (id.), (L. £5) [400 £5 pd.)  Bampfylde (copper), Devom., 1  Bedford Cons. (cop.), Tavistk. 2  Bedol Aur (lead), Holyweli 0  Bershaven (copper), Ireland 1  Bedol Aur (lead), Holyweli 0  Besenhaven (copper), Ireland 1  Bottle Hill (tin) Plympton 1  Bromlow(id.), Alinsterley, Salop 1  Brynford Hall (lead), Flint 30  Bryn Gwog (lead), Flint 30  Bryn Gwog (lead), Flint 30	0 0 — Aug. 186 8 0 —	19   6000 North Downs (con ) Bedent	h 0 10 10
\$000 Bronfloyd (lead), 916 Cargoil (silver-lea 2900 Clifford Amalgam	Ad), Newlyn	Billins [L. £30] [200 £25 pd., 200 Boscundle(tin,cp.),St.Austell 7 Bottle Hill (tin) Plympton 1 Bromlow(id.),Minsterley,Salon 1	230 pd.]Oct. 186 10 0Sept. 186 7 0April, 186 0 0Fully paid	62 1366 N. Grambler (cop.), Redrut 63 6000 N. Gt. Work, Breage [L. £	h 3 15 0
40000 Copper Miners o 40000 Ditto d 867 Cwm Erfin (lead) 128 Cwmystwith (lead	of England 25 0 0	Brynford Hall (lead), Flint 30 Bryn Gwlog (lead), Flint 8 Bryntail (lead), Llanidloes 8 Buller & Basset. (cn.) Redwith	0 0 — 29 30 Aug. 186 4 6 — 29 30 Mar. 186	6000 North Laxey(lead) Isle of Ma	in
1024 Devon Gt. Con. (c 358 Dolcoath (copper, 12800 Drake Walls (tin, 512 East Basset (cop.)	tin), Camborne*128 17 6	Bryn Gwiog (lead), Film 8 Bryntail (lead), Llanidioes . 8 Buller & Basset, (ep., Redruth 4 Burren (lead, calamine) [L.£5] 5 Calstock Consols (cop.), Calst. 1 Calvadnack (tin), Wendron. 24 Carphorna Consols (copper)	6 6 — Aug. 186 0 0 — June, 186 17 6 —	4000 N.Fhomix(cop.)Linkinghora 6400 No. Pool (tin & cop.), Illogar 700 N. Boskear(cop.), Camborne	10 1 15 8 . 314
6144 East Caradon (cop 300 East Darren (lead 128 East Pool (tin, cop 1906 East Wheal Lovel	), Redruth [S.E.]*, 29 10 0. —	Camborne Consols (copper) 18 Camborne Vean & Wh. Francis 9 Cambrian Consolid. (gd.) [L.£2] 1 Cape Cornwall (cop.), [L.£2] 10:.] 0 Caradon & Phænix Con. [L.£1] 0	10 d old oFeb. 186	di44 North Rosewarne (copper)       di44   2000 N.Shepherds (silid.), Newly     2   6000 N.Wh. Basset (cop.,tin)[S.E.     5610 North Wh. Crofty(cop.) [S.I.	n 2 0 0 6 51/4 6 3 13 0 2 51/4 6 4.] 2 8 0
2800 Foxdale (lead) Isl 5000 Frank Mills (lead 12500 Great Laxey (lead 1788 Great Wheel Fort	pper), Pool, Illogan . 24 5 0	Caradon & Phomnix Con. [L.£1] 0 Caradon Cons. (cop.), St. Cleer 28 Caradon Vale (copper) Caradon Unit. (cop.), Lisheard 1 Carmarthen United (lead) 5 Caradia (the area )	10 0 —	4096 Okel Tor (cop.), Calstock	y 3 7 11. — 1. 1 0 0 — 6 11 6 —
5908 Great Wh. Vor (tin 119 Great Work (tin), 1024 Herodsfoot (ld.), n	le of Man [ L. ]	Carmarthen United (lead) 5 Carnelloe (tin and cop.), Zennor 1 Carn Camborne (cop.), Cambn. 1 Carn Vivian (tin, cop., lead) 2	0 0 — Fully paid 0 0 — Jan. 186 7 0 — 136 136 April, 186 1 6 — Nov. 186	8465 Pedn-an-drea (tin), Redruth 4 5000 Pendeen Cons. (cop.), St. Jus 5000 Penhalls (tin), St. Agnes 312 Penhallow Moor (silver-lead)	t 4 7 0 . 6 14 . 5 16 18
9000 Marke Valley (cop 1800 Minera Mining Co. 20000 Mining Co. of Irela	oper), Caradon 4 10 6. 5%. 5¼ 5¾ 2 13 0 0 1 0—Mar. 1864 [L.], (ld.), Wrexham 25 0 9 135 18 0 7 0 0—Feb. 1864	Carneltoe (tn and cop.), Zennor 1 Carn Carborne (cop.), Cambn. 1 Carn Vivian (tin, cop., lead). 2 Carnyorth (tin), St. Just . 4 Carysfort [3200 £2½ pd., 16800 £1 Castleward, Ireland [L.] 1 Cefn Clicen (ld.), Flint [L. £5] 2 Cefn Cwm Brwyno (lead) 33	5 0 — June, 186  1 pd.]. —  0 0 — Fully paid  7 0 — Mar. 186	6000 Penrait (all. id.), Merion, [L. 200 Pentre Lygan (lead), [L. £30 6000 Polhigey Mour (tin), Wendro	22 10 0. —
250 Nanty Mines (lead 6000 New Birch Tor and 5936 North Treskerby (c	(L. £4](S. E.] 2 10 0 0 40 0 2 0 - April, 1864    ), Montgomery 20 0 0 6 0 0 1 0 0 - Mar. 1864    0, Montgomery 20 0 0 6 0 0 1 0 0 - Mar. 1864    0, Montgomery 20 0 0 2½ 3 0 8 0 0 2 6 - April, 1864    0, April, St. Biazey (S. E.) 1 2 6 36 19 0 0 2 6 - Mar. 1868    0, Anglessey (L.) 50 0 0 36 19 0 0 2 6 - Mar. 1868    0, Anglessey (L.) 50 0 0 38 19 0 0 2 6 - Mar. 1868    0, Anglessey (L.) 50 0 0	Cefn Cwm Brwyno (lead) 33 Central Grylls (tin) [L.£3]. 2 Central Minera (lead) [L.£5] 2 CharlotteUntd., Perranuthnoe 4	10 0 — Feb. 186	4 6000 ProsperUni.(tin,cp.),St. Hila 4 10156 Redmoor(cop.,tin), Callingt	ed 1 0 0 45. 6 54. 6 54. 6 54. 6 54. 6 54. 6 54. 6
200 Par Consols (cop.), 200 Parys Mines (copp. 1772 Polberro (tin), St. 512 Polbreen (tin), St.		Chiverton Consols (sillead). 0 Chiverton Moor (lead) 3 Chiverton Valley (lead) 3 Chiverton Valley (lead) 5 Chiverton Wheal Hope (lead). 5 Chiverton Wheal Rose(silid.) 5 Clara Unit. Ponterwyd [L. 53] 9 Clara Unit. (h) St Stephen 9		4 096 Righton E. Wh. Rose (silid. 6000 Roborough Down (cop.) [L.£3	. 0 10 0
1123 Providence (tin), U 6000 Rosewall Hill and 512 South Caradon (cop 512 South Tolgus (cop.)	Ransom United 2 16 0 — 010 0 0 1 6—June, 1863 p.), 8t. Cleer* [S.E.] 1 5 0 465 450 460 432 10 0 6 00—Mar. 1864	Creer's mint (tin), or stephen a	2 0	6000 Roskear (copper), Camborne.	. 0 10 0 2 1% 2
496 8. Wh. Frances (co 4000 8t. Day United (tim 940 8t. Ives Consols (ti 5000 Timered (contin)	19.), Howan* [8.E.] 18 18 9. 50 370 13 6. 1 0 0—313, 1803 19. Reform 1. 10 0. 10 9 10 0. 50 — Mar. 1804 10. 1. 0 5 0. 0 5 0.—Mar. 1804 110, St. Ivest 8 0 0 489 10 0. 1 0 0.—Feb. 1864 1. Reformer 1. 1. 10 0. 10	Clijah & Wentworth (tin, cp.) 32 : Coed Mawr Pool (lead) [L.] . 5 : Coolartra & Bond[L.] [5300 & Ipd., 10 : Connerte (cop., sulph.) [L.] 1 : Craine (copper), Camborne . 22 : Creuver and Wh. Abraham [L.] 2 : Creiake (copp.), Tavistock 2 : 2 : Creiake (copp.)	10 0 —	700 Roskearnowth (cop.), Camborn 3000 Scorrier Con.(tin.cp.), St. Agn 12600 Sliver Moun. (lead) [L.]	ne 1 10 0. —
4200 Vigra and Clogau ( 6000 West Basset (coppe 3000 W.Chiverton,(id.),1	copper) [1. £5]     4 0 0     6 0 0 10 0 Mar. 1864       rer, Illogan [S.E.]     1 10 0     2 5 3 0     0 5 0 Mar. 1864       Perranzabuloe(S.E.)     774.     75 80     2 5 0     0 5 0 Mar. 1864	Cornish Clay and Tin [L.] 1 Crane (copper), Camborne 22 1 Crenver and Wh. Abraham [L.] 2 1 Crelake (cop.), Tavistock 2 1	0 0	12000 Sortridge Cons. (cop.) [S.E.] 6000 So.Alfred (cop.), Phill. & Gwi 512 South Basset (cop.), Gwennag	0 19 0— a. 0 12 6—
400 W.Wh. Seton (cop.) 512 Wheal Basset (copp 1000 Wheal Basset and G	), Redruth, Cornwail* 8 0 0. — 74 10 0. 1 0 0—May, 1863 pp., Illogan* [8.E.] 18 18 9. 50 370 13 6. 1 0 0—Nov. 1863 n), Redruth. 14 0 0. 10 9 10 0 8 0. 0 5 0—Mar. 1864 lin), St. Ivest 8 0 0. — 489 10 0. 1 0 0—Feb. 1864 (Pool, Illogan* [8.E.] 9 0 0. 19½. 18½ 19½ 14 8 6. 0 10 0—Mar. 1864 copper) [L. £5] 4 0 0. — 6 2 6. 1 10 0—Mar. 1864 ep.; Illogan* [8.E.] 11 0 0. — 25 30. 0 5 0—Mar. 1864 ep.; Illogan* [8.E.] 1 0 0. — 48 0 0. 1 0 0—Mar. 1864 ep.; Illogan* [8.E.] 10 0. — 48 0 0. 1 0 0—Jan. 1864 ep.; Okumap. 38 10 0. — 48 0 0. 1 0 0—Jan. 1864 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 1 0 0—April, 1864 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 10 0—April, 1864 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 10 0—Oct. 1863 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 10 0—Oct. 1863 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 10 0—Oct. 1863 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 10 0—April, 1864 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 0. 0 0. 0 0 0—Oct. 1863 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 0. 0 0. 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 0. 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 0. 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 2 6. 92½ 50 0. 0 0. 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0. 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0. 0 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0. 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0. 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0. 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0. 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0. 0 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0. 0 0 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0 0. 0 0 0 0 0—April, 1864 ep.; Illogan* [8.E.] 6 0 0 0. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Crowan Cons. (cop.) [L. £2]. — Crowlwm (lead), Llanidloss. 1 1 Cuddra (cop., tin), St. Austell 4 Dale (lead), North Stafford. 1	Aug. 1863 Dec. 1863 Feb. 1864	100 South Bryn Gwiog (lead) 6 6000 So. Buller (copper), Gwennag 4 4096 S. Caradon Wh. Hooper(cop.) 6000 So. Carn Brea (cop.) [S. E.]	7 0 0 — 9 0 14 0 — 3 17 6 —
612 Wheal Grylls (tin), 612 Wheal Jane (silver 4295 Wheal Kitty (tin), 1024 Wheal Kitty (tin),	Perranuthnoe	Darren (lead), Cardigan 20 DeepLevel, Minera (ld). [L.£5] 3 Ding Dong (tin), Gulval 44 1 Dolfrw-y-nog (gold) [L.£1]. 0 1	0 0 50 48 50Jan. 1863	6138 S.Condurrow(tin,cp.),Camb 2 3283 Sou. Crenver (cop.),Crowan 6000 South Darren (ld.) [L.£34	12 9 0
1024 Wh. Margaret (tin), 1024 Wh. Mary Ann (id., 80 Wheal Owles (tin), 396 Wheal Seton (tin, c	Uny Let. [8, E.] . 9 17 6. 19 . 17 19 . 76 5 0. 1 0 0—May, 1863 ], Menheniot [8, E.] 8 0 0. 114. 114. 124. 57 17 6. 0 10 0—Mar. 1864 , 8t. Just, Cornwall 70 0 0	Eaglebrook (lead) [L. £20]. 16 East Alfred Consols (copper). 6 1	2 0 —Oct. 1862 0 0 —Feb. 1863 3 7 —Aug. 1863	5000 S. Foxdale(Id.) I.of Man [L.£ 2000 South Gorland (cop.), St. Day 2000 South Grylls (copper) [L.£10]	1 10 0 4 10 0 5 5 0 0
1040 Wh.Trelawny(sill 2044 Wheai Tremayne (t 7000 Wicklow (copper) [	), Meinemot (S.E.) 8 0 0 11½11½1½ 57 17 6 0 10 0—Mar. 1864, 8t. Just, Cornwail 70 0 388 8 0 5 0 0—Feb. 1864 opper), Camborne. 88 10 0 200 197½202½ 170 15 0 4 0 0—April, 1864 (d.),Liskeard (S.E.) 5 17 0 24 23 24 49 0.0. 0 15 0—Feb. 1864 tin), Gwinear 6 11 3 10 15 0 0 5 0—Nov. 1863 (L.),Liykeard (S.E.) 5 10 0 14 5 0 1 6 0—Aug. 1862 is paid every two months.	East Basset and Grylls (tin) 1 1 E. Beam (tin), St. Aus. [L.£2] 1 E. Bottle Hill (tin), Plympton 0 E. Brook wood (cop.), Ashbrin. 1	3 6 —April, 1864	96 South Kilmorey (lead) 4000 S. Minera (lead) [L. £5½] 96 South Pant-y-Gof (lead)	23 10 0
		East Cambrian (gold) [L. £1], 0 1 East Carn Brea (cop.) Redruth 3 1 East Chiverton (lead)	3 0 —Mar. 1864	1024 S. Tresavean (cop.), St. Day 937 So. Wh. Crofty (cop.), Illogan 1024 S. Wh. Lovell (tin), Wendron	26 0 0 —
1900 Carn Brea (copper, 2000 Chiverton (lead), P	Just	E. Falmouth (sld.), Kenwyn 5 E. Grenville (cop.), Camborne 2 E. Gt. Work (tin), Breage [L£5] 2	0 6 — April, 1864 1 0 4 3% 3% Feb. 1864 0 0 — Jan. 1864	794 Spearne Cons. (tin), St. Just. 15000 St. Cuthbert Lead Smelt. [L.]	6 12 0
2450 Cook's Kitchen (cop 1024 Copper Hill (copper 1055 Craddock Moor (cop	n), Camborne 35 0 0	E. Gunnis Lake& S. Bedf. (cop.) 7 10 East Jane (silld.), Cardinham 2 E. Margaret (tin), Uny Lelant 19 E. Polberro(tin) [L. £1] [4000£1pd. 40	7 0 —Mar. 1864 0 0 —Jan. 1864 000 2s. 6d.pd.]Nov. 1863	1024 St. Ives Wheal Allen (tin). 8000 St. Just Untd. (tin) [L. 2½]. 6000 St. Just Consols (tin) [L. £i] 640 Stamp Office (lead), Mold	2 0 0 3¼ 3 3¼De
4076 Devon and Cornwal 3006 Dyfngwm (lead), W 940 Fowey Consols (cop	147 0 0.5 0 0 -June, 1862   11 (cop.), Tavistock 6 6 3 0 10 0. 0 2 6 -June, 1863   12 6 6	S. Providence (tin), Uny Lel. 4 (5). Rosewarne (cp.,tin), Gwin. 2 15. East Seton (cop.), Camborne 0 10. East Tolgus (copper), Redruth 86	5 0 234 234 3Sept. 1862 0 0 — Dec. 1863 0 0 — Mar. 1864	640 Stamp Office (lead), Mold 920 Stray Park (cop., tin) [S.E.]. 3500 Tin Hill (tin), St. Austell 6000 Tolcarne (cop.), Camborne 6000 Tolvadden (copper), Marazion	1 18 0
10240 Gunnis Lake (Clitte 160 Levant (copper, tin) 640 Mount Pleasant (les	[5.E.], Redruth	7. Treskerby (cop.), Redruth. 8 16 2. Wheal Agar (cop.), St. Cleer 11 17 6. Wheal Ellen(cop.) St. Agnes 0 6. Wh. Fortune (tin) Sithney 1	7 0 —	5000 Treloweth (copper), St. Erth. 1024 Trencrom (tin), Uny Lelant. 512 Tresavean and Trethurrap 3105 Tresellyn and Scaddick Cons.	12 12 3
5000 Orsedd (lead), Flints 5000 South Exmouth (lead 280 Spearne Moor (tin, o	shire	East Wheal Grylls (tin, cop.) 1 0 East Wheal Metal (tin and cop.) — 5. Wh. Russell, Tavis. [S.E.] 8 15 East Wheal Vor (tin and cop.) 5 0	5 6. 414. 4 414 Mar. 1864	5600 Trevenen and Tremenheere. 4996 Treweatha (silid.), Menhen. 2048 Treworlis (tin), Wendron. 2500 Trimley Hall [1250 £1 pd., 12	5 12 0 —
1000 Trumpet Consols (ti 12000 Twelve Apostles Am 1024 Wendron Consols (ti	in), near Heiston 11 10 0 — 11 0 0 2 0 0—Mar. 1862 al. (ld.), Wrexham 1 0 0 — — — 11 0 0 2 0 0—Mar. 1862 al. (ld.), Wengkan 18 13 10 — .	Cather Und. (tin), Cardingham 0 12 Cortescue Cons. (sil.), Endellion 0 12 Curze Hill Wood Cons., Buckl. 1 5 Carden (tin), Morvah 4 17	1 4 —Mar. 1864 2 6 —April, 1864 April, 1864	4000 Trumpet Unit. (tin), Wendron 6400 Tyne Head (tin & cop. [L. £1]	1 9 6 —
128 Wheal Friendship (c	J. Liskeard [8.E.]. 5 0 0 18 19 101 1 3 0 10 0—Oct. 1862 s (tin and copper). 7 10 0	parlidna Untd. (tin), Wendron 3 14 parreg (lead), Flint 5 14 pawton (copper), Tavistock 2 8 pen. Min. Co. for Irel. (cop.) 4 0	16 —Oct. 1863 16 —Dec. 1863 30 1¼ 1¼Feb. 1864	2000 Valantine (lead), Flintshire 20000 Vale of Towy (lead), Carmar. 4000 Wentnor [L. £2½] (lead) 3000 Wentworth Consols (lead) 60000 Weish Gold, Dolgelly [L.]	3 0 0 16 17
100 Hami May (vin),	FOREIGN DIVIDEND MINES.	blasgowCaradonCon.(cp.)[L.] 1 0 loginan (silld.) [1900 £12½,3800 loch Hili (lead), Filntshire. 1 0 lonamena (copper), St. Cleer. 4 7	30s.]	20000 West Beam (tin) [L.] 40000 West Clogau (gold), Merioneth 1218 W.Condurrow(tin,cop.), Cam. 4216 W. Great Work (tin), Germoe	1 0 0 —
2464 Burra Burra (cop.)	S. Australia [S.E.] 7 7 6 — 0 1 0 0 1 0—Dec. 1863 b, South Australia. 5 0 0 — 310 0 0 5 0 0—June, 1863 (silver) [L.] 5 0 0 — 4 6 8 0 14 10—Dec. 1863	ramb. & St. Aub. (cp.) [S.E.] 60 0	0 –Mar. 1864 6 –Sept. 1863	6000 W. Grylls (tin), Perranuthnoe 12000 W.Maria & Fortescue, Lamerton 19000 West Par Con. (cp.) St. Blazey	0 4 0
	Mian (S. E. ) 5 0 0 1 10 0: 0 9 e. Pob 1964	reat Caradon (cop.), St. Ive. 2 8 t.Dev.& Bed. [L.] [280050s. fully post. E. East Lovell (tin), Helston 1 0 treat North Downs (copper). 3 8	0. 5% 6% 6% Jan. 1864	1600 W. Rose Down (cop.), Caradon 256 West Sharp Tor(cp.), Cillaton.1 1056 West Stray Park (cop.), Camb. 512 West Tolgus (cop.), Redruth.	158 0 0 —
18000 Kapunda Mining Co 18000 Linares (id.), Pozo A	in [L.] [S.E.]	t.Retallack (silid., blende) 2 6 reat S. Chiverton (sillead). 0 10 reat Tregune Consols (cop.). 0 5 reat Wheal Baddern (tin) 6 16	0 2½2½ 2½April, 1864 0 —	5481 West Trevelyan (tin, copper) 512 West Wh. Frances (cop.), Illo. 9017 West Wheal Jane (tin, &c.) 5000 West Wh. Kitty(tin), St. Agnes	88 5 0
10000 Pontgibaud (sille 97500 Port Phillip (gold), 11000 St. John del Rey [L 43174 Unit Mexican (sll.).	Add, France [S.E.]20 0 0 8 79 1 73 0 73—Jan. 1864 Clunes [S.E.] 1 0 0 1½ 1½ 1½ 0 11 0 0 1 6—Jan. 1864	rylls Consols (tin)	6. 5% 434 5 April 1863	10000 W.Wh.Martha(cp.&sil.)[L.£2] 4096 West Wheal Vor (tin) 6000 Wheal Agar(copper), Illogan 5000 Wheal Annie (cop.), Gwinear	1 10 0 3½
10000 Yancouver (coal) [L 20000 West Canada Minin 45000 Yudanamutana (cop	Company [L.]. 1 0 0 0 5 0 0 5 0 -Oct. 1863	t. Wh. Grylls (tin, copper) 1 0 urlyn (cop., tin), St. Erth 2 10 wydyr Park Con., Lianrwst 1 7 allenbeagle (copper) arwood (ld.), Durham [L.£1] 0 5	0 Feb. 1864	5990 Wh. Arthur (cop.), Calstock. 256 Wheal Buller, Redruth (S.E.) 6000 Wh. Caradon (cop.), St. Ives. 1000 Wheal Curtis (cop.), Crowan.	16 0 0 38 35 38Mz
10000 Alten and Quananger	MINES WITH DIVIDENDS IN ABEYANCE, 10 Unl. (COD.) [L. £5] 4 10 0	avan (1d.)., Cardigan [L.£5] 4 0 azael Grove (silid.) [L.£1] 0 10 awkmoor (tin,cop.) Calstock 3 6 ingston Down (cop.) [S.E.] 5 10	0 —	6000 Wheal Crobor(cop.),Tavistock 6000 Wheal Crofty (cop.), Illogan 6144 Wh.Damsel(cp.,tin.),Gwennap 4096 Wh. Edward (cop.), Calstock.	1 10 0 46s 43s. 45sFeb. 1 7 6 2 2 2½Nec 2 15 0
10000 Copiapo Mining Com 10000 Gt. Barrier Land, Min 10000 Lusitanian (of Portu 103815 Mariquita and New	pany, Chill [8, E.] 16 0 0 5 5% 6 6 18 0 0 10 0—Nov. 1862   15 per cent. — May, 1859   0 19 9 0 1 0—Feb. 1862   1	logan (tin and copper) 0 12 elly Bray (ld.), Callington . 4 19 eswick (lead), Portinscale . 5 6	6 34 Feb. 1864 6 Mar. 1862	1024 Wheal Emily Hearletta (cop.) 4000 Wh. Emma(cp) Buckfastleigh 2000 Wheal Falmouth & Sparries . 6000 Wh.Grenville (copper) [8.E.] 5120 Wh.Harriett(cop.), Cambora 6000 Wheal Hartley (cop.), Gwinear	11 10 0ME
		Climorey (lead)	6 — April, 1864 0 — Feb. 1864 0 — April, 1864 4 — Feb. 1862	2048 Wheal Hope (silld.), Perran	3 5 0. 414 .414 414Ja
Shares. Mines. 100000 Anglo-Brazilian (gol 35000 Alamillos (lead), Spr 20000 Bearin Tin Streamin	Paid. Last Pr. Bus. done. Last Call.	elant Cons. (tin), Uny Leiant 35 0 langan (ld.), Glamor. [L.£25]20 0 lantwit Vardre (coal), [L.£5] 4 0	0 —	6000 Wheal Ida (811, -1ead), 5t. 1ve. 4800 Wh. Ludcott and Wrey (lead) 968 Wheal Margery (tin, copper) 1000 Wh. Mary Hutchings (Plymp.)	3 5 8 —
76000 Bon Accord, South A 15000 Cape Copper Mining 25000 Capula (silver), Mex 17000 Capula (talian (con	Company [L. £10] [S.E.]	ong Rake (lead), Flint 4 10 ower Park (ld.), Denbigh [L.] 3 11 ower Taidrws (slate) [L.] . 2 10 audlin (copper), Lostwithel 4 2 farlivn (lead), Flint 4 0	0 —Mar. 1863	6000 Wh. Norris (tin, cp.), St. Cleer 1024 Wheal Par (tin, St. Blazey 6000 Wh. Pollard (cop.), St. Neot's 970 Wh. Prosper (cp., tin), Breage 1	3 7 7 —
60000 Clarendon Consols (c 10000 Copiapo Smelting [I 75000 Dun Mountain (copp	200per), Jamaica [S.E.]       1 2 6       July, 1862         L.), Chili       10 0 0       Fully paid.         eer), New Zealand [L.][S.E.]       1 0 0       Fully paid.         Brazil [L. £3] [S.E.)       1 5 0       Oct. 1863	ferilyn (lead), Flint	0 7 7% Jan. 1863	25000 Wh. Prudence St. Ag. [L. £1] 240 Wh. Reeth (tin), Uny Lelant (2000 Wheal Rose (copper), Scarrier 1500 Wheal Sarah (tin), Lanivet	0 15 0 — 80 90 8
80000 East Kongsberg Nati 15000 El Chico Mining and 20000 Elbe Colliery Compa	iveSilver Mining Co. of Norway [L. £5] 1 12 0 Dec. 1863   Reduction (silver) [L. £5]	anglies (tin, copper), Kea 16 10 anteos and Penrhiw [L.] 4 0 anteos (lead) [L. £1] 0 5 ant Minera (lead), [L. £20] 5 8	0 35 33 34Jan. 1864	4096 Wheal Sidney (tin), Flympton 2048 Wh.Sithney & Carnmeal Uni. 1 6000 Wheal Sparnon (copper) 960 Wh. Trannack (cp., tin), Sith. 6000 Wheal Union (cop.), Redruth	5 0 7 — 636 6 616 Feb.
8000 English and Canadia 4000 Fortune (copper), W 50000 Frontino and Bolivia	nn Mining Company [L.]	ew East Birch Tor (tin) 0 2 ew Concord (silld.) [L. £3] 1 0	6 –	4096 Wh. Uny (tin.cop.), Redruth	9 7 0 — Jan
4000 Hindostan (copper),	d Copper Mining Co. [L.]. Jamaica 25 0 0 Feb. 1863	ether Hearth (lead), Dufton 0 18	6 1¼ 1 1¼ Feb. 1864 0 — Oct. 1863 6 — Oct. 1863	4500 Wheal Vlow (copper)	7 15 0 — Junt
2000 Montes Aureos (gold 2000 New Burra Burra (co 10000 New Grand Duchy of	copper), Portugal [L.]	ew Hendra (tin, cop.), Breage 1 16 ew Pembroke (tis and cop.), 0 6	6 —	MISCELL	ANEOUS.
50000 North Rhine Copper 50000 Nova Scotia (land an 15000 Pachuca Silver Minis	of South Australia (L. £1] (S.E.] 0 17 6	ew S. Caradon (cop.), St. Cieer 0 16 ew Treleigh (cop.), Redruth 2 1 ew Trevenen (tin), Wendron 6 0 ewtownards Min. Co., Down 50 0 ew Wendron (tin), Wendron 7 0	0 —	10000 Discount Corporatn. [L. £100] 125000 Gen. Cred. & Fin. Lond. [L. £20] 10000 Hudson's Bay'	4 0 0 11¼11¼ 12 4 0 0 10¼9% 10½ 0 0 0 19¾19½ 20Fall 5 0 0 1211½ 12
6000 Peel River Land and 23000 Quebrada (copper), V 10000 San Roque (lead), Sp 60000 Santa Barbara (gold)	Mineral [Limited]	ew Wh. Grylls (tin and cop.) 2 1 ew Wheal Martha (cop.) [L.] 1 0	have been admitted on the Stock I	Exchange. Those mines with [L.] app	
120000 Scottish Australian 15000 South Europe Mining 12000 Teplitz Colliery Co.	), Brazii [L. £1] 012 6 5% "Jan. 1864 Mining Company [L. £1] 017 6 — Feb. 1864 g Company, Spain [L. £5] 3 0 0 — May, 1860 Nohemia [L. £5] 3 0 0 — June, 1863 (Company [L. £20] 6 0 0 — Mar. 1864 Laly [L. £20] 0 7 6 1½ Dec. 1863	ny object hours to make the Share I	Limited Lia	all who have the power, to aid us, by tholders, as well as those officially conn	orwarding any alterations or off
50000 Valianzasca (gold), It 45000 Victor Emanuel (cop 1000 Western Africa Mais 12000 When Eller (con-	pper), Italy [L.]	on which may, from time to time, c formation. Reports from mines—in	n fact, mining intelligence of every	holders, as well as those officially coun description, forwarded to our office, wi the proprietors), at their office, No. 26,	ll meet ready attention.
90000 Worthing (copper), 8	South Australia [L.] [S.E.]	Inited by Kichard Bildourion, a	munications are requested to be s	addressed April 80, 1864.	- June Manney Erroll War

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